

# **READINESS CHALLENGE VII COMPETITION BOOK**

28 April 2000

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## SECTION I

### OVERVIEW

1. READINESS CHALLENGE (RC) is a biennial Air Force (AF) worldwide competition that tests and hones leadership, teamwork and wartime skills under field conditions. In addition to the civil engineer Primary Base Engineer Emergency Force (Prime BEEF) and services Primary Readiness In Base Services (Prime RIBS) specialties, READINESS CHALLENGE VII (RC-VII) once again welcomes the Chaplain Service specialty. With the focus of today's aerospace forces shifting from a threat-based force focused on containment to a capabilities-based expeditionary force focused on global engagement, the United States and its allies must maintain a responsive expeditionary force capable of routinely operating in a bare base environment with limited infrastructure. Accordingly, RC-VII will witness an ever-increasing international presence with the primary focus on lighter, leaner and more lethal forces, prepared for expeditionary operations and tailored to respond across the spectrum of conflict.

2. The United States Air Force (USAF) recognizes the value of competition to increase the overall mission capability of individuals, teams, squadrons and wings. Ultimately, the AF and its allies benefit from this competition and, inasmuch as there is competition, each competing team gains a realistic picture of its overall preparedness to perform its wartime mission.

3. This Competition Book outlines the operational concept, ground rules, events and responsibilities of participating teams in a warskills competition. Teams, consisting of civil engineer (CE), services, and chaplain service specialties, will represent the 12 United States' units, as well as several international allies. Each competing team will be required to perform tasks as outlined in the event narratives. The intent of the competition is for the teams to perform each task in the manner that would normally be expected in today's contingency environment. The RC competition is designed to showcase leadership, readiness, versatility, contingency capabilities and quality of home station training while refining new procedures, tactics and concepts that will improve the Air Force's ability to succeed in today's contingency taskings. In the end, RC enhances *esprit de corps* throughout the participating communities.

## SECTION II

### TEAM COMPOSITION

1. A RC team is comprised of 32 personnel (including the three alternates) representing the following Air Force Specialties (AFSs):

- a. Officer in Charge (OIC) – 1 team member from any functional specialty.
- b. Prime BEEF (CE including EOD, Readiness and Firefighters) – 20 team members.
- c. Prime RIBS (Services) – 6 team members.
- d. Chaplain Service – 2 team members (Chaplain and Chaplain Service Support).
- e. Alternate Team Members – up to 3 alternates from any of the above AFSs.

### SECTION III

#### TASKINGS AND RESPONSIBILITIES

1. **The RC-VII participants, in order of entrance at the Opening Ceremonies, are:**

<u>COMMAND</u>	<u>WING /GROUP</u>
a. Air Combat Command	366 Wing, Mountain Home AFB ID
b. Air Education & Training Command	314 Airlift Wing, Little Rock AFB AR
c. AF Materiel Command	75 Air Base Wing, Hill AFB UT
d. AF Reserve Command	927 Air Refueling Wing, Selfridge ANGB MI
e. AF Special Operations Command	16 Special Operations Wing, Hurlburt Field FL
f. AF Space Command	90 Space Wing, F.E. Warren AFB WY
g. Air Mobility Command	60 Air Mobility Wing, Travis AFB CA
h. Air National Guard	134 Air Refueling Wing, McGhee Tyson ANGB TN
i. Canada	14 Wing Greenwood, Nova Scotia
j. Pacific Air Forces	3 Wing, Elmendorf AFB AK
k. United Kingdom	48 Fd Sq (Air Sp), Waterbeach Cambridge
l. United States AF Academy	10 Air Base Wing, USAF Academy CO
m. United States Air Forces in Europe	48 Fighter Wing, RAF Lakenheath, UK
n. 11 <sup>th</sup> Wing	Bolling AFB, Washington DC
o. Japan (Partial Team)	Kouku-Shisetsutai, Tokyo
p. Norway (Partial Team)	Base Defense Group, Camp Kolsås

2. **Each major command (MAJCOM), specialty USAF unit and international team will:**

a. For each MAJCOM and the ANG, **by 15 Oct 99**, advise HQ USAF/ILEX (with info to AFCESA/CEXR) via message (or e-mail) of the following:

(1) Whether their primary or alternate team, originally scheduled to compete in the 1999 RC competition, shall represent their MAJCOMs in the rescheduled 2000 RC competition.

(2) If neither the primary nor alternate team can participate in 2000, provide substantiating rationale for their ineligibility and submit a list of Wings/Groups eligible and available for 2000. As required, HQ USAF/ILE/ILV/Head of Chaplains will conduct a random drawing to select new teams on 18 Oct 99.

b. **By 15 Nov 99**, advise HQ AFCESA/CEXR, via e-mail (or fax) of the following:

(1) The names, ranks, office symbols, e-mail addresses, and DSN or Commercial telephone numbers of your two MAJCOM/International team senior representatives hereafter referred to as Representatives. The Team Representative is responsible for team support and, in case of emergencies, will be billeted in the field with their team; the Distinguished Visitors (DV) Representative, (who may be billeted in the field, Tyndall AFB lodging or off base), is responsible

for their invited DVs/official visitors. Representatives are responsible for reviewing the **electronic** versions of the Competition Books (Editions One and Two), as follows:

(a) By COB on **15 Nov 99**, review the electronic version of Competition Book (Edition One) and submit a maximum of six questions for the first RC-VII Question and Answer (Q&A) Session. The six questions must be consolidated from all competition areas (Prime BEEF, Prime RIBS, and Chaplain Service) and be submitted in writing via e-mail (or fax) to HQ AFCESA/CEXR. Questions submitted after this date will not be considered. The submitted questions and answers will be distributed to all teams, via e-mail, by COB on 19 Nov 99, as well as being placed on the RC-VII web page. The first Q&A Session shall concentrate on the contents of Competition Book (Edition One).

(b) Review the electronic version of Competition Book (Edition Two), which shall include the possible event narratives, and submit up to six questions for the second RC-VII Q&A Session. The second Q&A Session shall concentrate on the contents of Competition Book (Edition Two) and the potential competition events themselves. The six questions must be consolidated from all competition areas and be submitted in writing via e-mail (or fax) to HQ AFCESA/CEXR, as follows:

i. By COB on **5 Jan 00** for AFRC, ANG and the International teams. The submitted questions and answers will be distributed to these teams by COB on 10 Jan 00.

ii. By COB on **15 Mar 00** for the USAF active duty teams. The submitted questions and answers will be distributed to all teams by COB on 20 Mar 00. **NOTE:** The questions and answers from the Session held in Jan with AFRC, ANG and the International teams will be made available to the active duty teams by COB 20 Mar 00.

(2) The names, ranks, office symbols, e-mail addresses, and DSN or Commercial telephone numbers of your three functional (CE, Services, and Chaplain Service) MAJCOM contacts. Two of these contacts should be identical to the two Representatives.

c. Select a 32-person team to include an OIC and a Noncommissioned Officer in Charge (NCOIC). For active duty teams, all team members should be assigned to the same Wing/Group. If required, AFRC and the ANG can select their teams based on a regional approach, whereby they can combine resources from several bases, with one base acting as the lead. Team composition should be such that each team can compete in any of the published events. This adds credence to the competition and shows “we train as we fight.” **If one Wing/Group cannot support the composition of an entire team, intracommand substitution is authorized.** Small MAJCOMs or International teams lacking functional areas are encouraged to fill vacancies from other MAJCOMs or countries, but shall be responsible for all associated temporary duty (TDY) costs.

d. Ensure teams meet RC requirements by providing necessary tools, equipment, safety devices, applicable operators' licenses for equipment and records to compete in each event. For US teams, compliance with AFI 36-2903 will be observed at all times during the competition. **NOTES:** (1) The duty uniform for **all** competing teams, throughout the entire competition and its

associated activities, is the **woodland Battle Dress Uniform (BDU)** only. (2) T-shirts must be regulation brown or black; however, they may have the team logo, if it cannot be seen when the uniform shirt is worn. (3) For international teams, equivalent uniform dress requirements apply.

e. Fund TDY expenses. **NOTE:** US public law requires that International Teams reimburse their associated participation and training costs under Foreign Military Sales (FMS) procedures. Please contact HQ AFCESA/CEXR, for additional details and information.

f. Ensure your teams do not arrive at Det 1, 823 RHS earlier than 1200 on 27 Apr 00 nor later than 1800 on 28 Apr 00. Teams should plan to depart the site on 6 May 00.

g. Select official visitors to attend the RC-VII competition; the limit is 20 per team. Official visitors include DVs, Representative(s) and any other command/base visitors. Each MAJCOM/country with a full team will be allocated a maximum of 52 tickets for both the Combat Mixer and BBQ Banquet (the sum of team members (maximum 32) plus official visitors.) The two Representatives are included in your number of 20 official visitors. **NOTE:** Additional spectator requests, for viewing of the competition events only, will be considered pending the availability of billeting.

h. Provide public affairs services for their team.

i. Forward an after-action report to HQ AFCESA/CEXR, with an information copy to Det 1, 823 RHS/CC, by COB on **31 May 00**. (All teams are encouraged to submit after-action items through their respective chains of command.)

### 3. **Representatives will:**

a. Ensure all official visitors and competitors are aware of the RC-VII fee schedule (to be provided separately by HQ AFCESA). Distribute the pre-numbered RC-VII registration forms (to be provided separately by HQ AFCESA) to your 20 official visitors/DVs, as well as the designated Team registration form to the Team OIC. **NOTES:** (1) All personnel on TDY orders, other than team members in field conditions, will pay the basic meal price and surcharge for meals consumed at government dining facilities. (2) All personnel, including team members, attending RC-VII will be required to pay a hospitality fee. As well, all team members, plus those official visitors attending the Combat Mixer and/or RC-VII BBQ Banquet, shall be required to purchase individual tickets. The Tyndall AFB Enlisted Club will cater the RC-VII BBQ Banquet. These costs are listed on the fee schedule and must be collected. All tickets, and any other amenities, will be handed to you upon arrival at the Welcome Center. (3) The dress for all official visitors/DVs is the same as for competitors; that is, BDUs are required for all RC-VII activities; woodland BDUs **must** be worn to the award presentations. There are no other military uniforms required to attend RC-VII or any of the related functions/activities.

b. Collect all official visitor's fees (approx 33 USD) with the completed registration forms and forward to HQ AFCESA/CEXR, by COB on **14 Apr 00**. One lump-sum check made out to "Tyndall Enlisted Club (RC-VII)" is acceptable.

c. Advise Det 1, 823 RHS, of the arrival and departure information for all team members deploying to the competition site.

d. Upon arrival, provide the RC-VII Welcome Center a copy of each team member's orders, as well as their arrival and departure times. For expeditious handling, please ensure names on TDY orders are typed alphabetically. Orders must include each member's primary AFS. In addition, provide the names, ranks and Social Security Numbers (SSANs) of your DVs and other official visitors. **NOTE**: SSANs are not applicable to international teams and their visitors.

e. Ensure adequate transportation is available to your DVs for the duration of the competition. This includes transport to/from the Panama City Airport and transport between Tyndall lodging (or off base accommodations) and the RC-VII competition site. Representatives must work closely with Welcome Center staff to ensure adequate transport is available for DVs.

f. Ensure rental car authorization is included on TDY orders, as well as for the DVs.

g. Provide escort service for their DVs, as applicable.

h. Attend, as applicable, scheduled meetings for the team OICs and NCOICs.

i. Advise the OIC/NCOIC, as necessary.

**4. Team OIC/NCOICS will:**

a. For **international** teams only, submit an electronic copy (in MS PowerPoint 7 color format) of your team crest/shield to Det 1, 823 RHS, by COB on **3 Mar 00**. **NOTE**: The team crest should represent your country/unit, and will be displayed during the official Opening Ceremonies, as well as the Awards Ceremonies.

b. Submit an official team photo and write-up on your team's RC training and preparation, (for reproduction in the RC-VII DV Welcome Folder), to HQ AFCESA/CEXR, by COB on **15 Mar 00**. **NOTE**: Quotes from the OIC/members of your team are requested and encouraged.

c. Submit compact discs with your team's three choices for their official theme music, to Det 1, 823 RHS, by COB on **7 Apr 00**. **NOTE**: This music does not have to be military marching music. It will be played as your team marches into the K-Span for the Opening Ceremonies and during score posting.

d. Submit innovation requests, in writing via e-mail (or fax), to Det 1, 823 RHS by COB on **7 Apr 00**. **NOTE**: Each team will be advised of their approved innovations on 18 Apr 00.

e. Assign position numbers (1-32) and e-mail (or fax) team members' position numbers, names, SSANs and primary AFSs to Det 1, 823 RHS, by COB on **18 Apr 00**. **NOTE**: Please put roster in alphabetical order, except assign the Chaplain to position number 32.

f. Be responsible for their team. Collect fees, per the RC-VII fee schedule, from team members and pay in one lump-sum check, to "Tyndall Enlisted Club (RC-VII)", by **18 Apr 00**. The designated team registration form must accompany the check. **NOTE:** Competitors will be in field conditions for the duration of the competition; however, they will be expected to procure the BBQ banquet meal at the cost noted in the fee schedule. It is recommended that USAF team orders be annotated: "Member(s) is (are) authorized the proportional per diem rate on 5 May 00."

g. Ensure orders include each team member's primary AFS and that they specifically state that they are "in subsistence-in-kind (SIK) status under field conditions," (except as previously specified for 5 May 00.)

h. Select the participants for all events in accordance with (IAW) event narratives. Also, ensure all applicable documents, such as military identification cards, operators' licenses, firearms qualification cards, etc., are available at the event location for verification purposes.

i. Provide team signs/flags to be placed in front of billeting tents, if desired. Signs will be no larger than 4' X 4' with a 60-inch high stand.

j. Maintain operational control of team during deployment, competition and redeployment.

k. Be the team spokesperson regarding arbitration and any other competition matters.

l. Ensure all team members comply with AFI 36-2903 at all times and project a professional Air Force image during the competition. Irresponsible behavior will not be tolerated.

m. Attend all RC-VII scheduled and impromptu meetings. If not available, the Team Representative can attend the meeting on your behalf.

## 5. **HQ AFCESA will:**

a. Co-host and sponsor RC-VII.

b. Provide overall guidance and direction for the competition. The RC-VII Officer-in-Charge is Colonel Bruce "Mac" McConnell. The RC-VII Point of Contact (POC), within HQ AFCESA/CEXR, is Lieutenant Colonel Wayland Patterson.

c. Provide registration packages to all MAJCOMs and International teams, outlining accommodation procedures and fee schedules, by COB on **25 Feb 00**.

d. Provide **electronic** Competition Books (Editions One and Two), and **hard copy**, Competition Books (Final Edition), outlining purpose, responsibilities, rules, events and awards, as follows:

(1) By COB on 8 Oct 99, distribute an electronic version of **Edition One** to all competitors, and post a copy to the RC-VII web page.



(2) By COB on 3 Dec 99, distribute an electronic version of **Edition Two** to AFRC, ANG and International teams only.

(3) By COB on 25 Feb 00, distribute an electronic version of **Edition Two** to the USAF active duty teams, and post a copy to the RC-VII web page.

(4) By the arrival of the last team on 28 Apr 00, but no sooner than 1600, distribute 10 hard copy versions of the **Final Edition**, and add a copy to the RC-VII web page that evening.

e. Maintain/update the RC-VII web page, at <http://www.afcesa.af.mil/readinesschallenge>.

f. Sponsor the Opening Ceremonies, the BBQ Banquet, and the Awards Ceremonies.

g. Man and operate a 24-hour/day command and control Operations Center from the arrival of the first competition team until the departure of the last competition team. **NOTE:** Also, provide each DV Representative with a print-out of the names, arrival and departure times/locations, billeting location, and billeting telephone numbers for all of their official visitors.

h. Man and operate a Media Center to support national and international media. Publish a daily competition newspaper. Update the RC-VII Web Page daily during the competition. Produce the official RC-VII video for viewing during the BBQ Banquet.

i. Coordinate the provision of an Arbitration Team.

j. Distribute an after-action/lessons learned report to participating agencies by **23 Jun 00**.

**6. HQ AFSVA will:**

a. Co-host RC-VII.

b. Coordinate all lodging/accommodation requirements and handle reservations.

c. Man and operate a 24-hour RC-VII Welcome Center and locator service during the team arrivals on 27-28 Apr 00. Thereafter, until 6 May 00, the hours of operation will be 0600-2000 with a duty person on-call from 2000-0600.

d. Provide a DV lounge for the competition week. The lounge will operate 0600-2000 on an honor-basis.

e. Sponsor the Combat Mixer, following the Opening Ceremonies, on 29 Apr 00.

f. Provide nightly snacks following the score posting.

g. Provide food services for the BBQ Banquet and Awards Ceremonies on 5 May 00.

h. Design and publish the program for the BBQ Banquet and Awards Ceremonies.

- i. Submit an after-action/lessons learned report to HQ AFCESA/CEXR by **2 Jun 00**.

7. **AF/HC will:**

- a. Assist in hosting RC.
- b. Operate an on-site chapel throughout the week of competition.
- c. Submit an after-action/lessons learned report to HQ AFCESA/CEXR by **2 Jun 00**.

8. **Det 1, 823 RHS will:**

- a. Host the competition. **NOTE**: Official competition events commence on 30 Apr 00.
- b. Provide two head judges, event judges and assistant judges for each event, and coordinate involvement of judges from other functional agencies.
- c. Based upon information from the Team Representatives, coordinate, (for the deploying teams), with Trend Western to provide ground transportation to/from the Panama City Airport and the Tyndall AFB flightline to the RC-VII competition site.
- d. Provide on-site transportation, as required, to ensure teams can meet scheduled events.
- e. Provide sufficient accommodations for field billeting of all competitors and their Team Representatives.
- f. Provide on-site feeding for team members, Representatives, DVs and visitors.
- g. Perform an operational check and certify all equipment used for the competition. Event judges will confirm all equipment used for the competition is available and operational.
- h. Provide the official time throughout the competition.
- i. Provide the official score keeping throughout the competition.
- j. Submit an after-action/lessons learned report to HQ AFCESA/CEXR by **2 Jun 00**.

8. The following telephone number and addresses may be used to contact HQ AFCESA/CEXR:

POC:	<b>Lt Col Wayland Patterson</b>	DSN 523-6125 or Commercial (850) 283-6125
Alternate:	<b>Maj Ken Bailey</b>	DSN 523-6144 or Commercial (850) 283-6144

Internet Address: [wayland.patterson@afcesa.af.mil](mailto:wayland.patterson@afcesa.af.mil)  
[ken.bailey@afcesa.af.mil](mailto:ken.bailey@afcesa.af.mil)

Postal Address: HQ AFCESA/CEXR  
139 Barnes Drive, Suite 1  
Tyndall AFB FL 32403-5319

FAX: DSN 523-6383 or Commercial (850) 283-6383

9. The following numbers and addresses may be used to contact HQ AFSVA/SVO personnel:

POC: **Maj Gary Handley** DSN 487-4984 or Commercial (210) 652-4984  
Alternate: **CMSSgt Larry Kalivoda** DSN 487-6568 or Commercial (210) 652-6568

Internet Addresses: [gary.handley@agency.afsv.af.mil](mailto:gary.handley@agency.afsv.af.mil)  
[larry.kalivoda@agency.afsv.af.mil](mailto:larry.kalivoda@agency.afsv.af.mil)

Postal Address: HQ AFSVA/SVO  
10100 Reunion Place, Suite 401  
San Antonio TX 78216-4138

FAX: DSN 487-2380 or Commercial (210) 652-2380

10. The following numbers and addresses may be used to contact Det 1, 823 RHS personnel:

POC:	<b>Lt Col Nathan Macias</b>	DSN 523-8702 or Commercial (850) 283-8702
Alternate:	<b>CMSgt Randy Jones</b>	DSN 523-8704 or Commercial (850) 283-8704
Alternate:	<b>MSgt Clark Andrean</b>	DSN 523-8768 or Commercial (850) 283-8768
Alternate:	<b>MSgt Diane Thrift</b>	DSN 523-8742 or Commercial (850) 283-8742

Internet Addresses:

[nathan.macias@tyndall.af.mil](mailto:nathan.macias@tyndall.af.mil)  
[randy.jones@tyndall.af.mil](mailto:randy.jones@tyndall.af.mil)  
[clark.andrean@tyndall.af.mil](mailto:clark.andrean@tyndall.af.mil)  
[diane.thrift@tyndall.af.mil](mailto:diane.thrift@tyndall.af.mil)

Postal Address:

Det 1, 823 RHS  
264 Strange Point Loop Rd/Stop 87  
Tyndall AFB FL 32403-8044

FAX:

DSN 523-8785 or Commercial (850) 283-8785

11. The following telephone number and addresses may be used to contact the Chaplain Service:

POC:	<b>Ch, Lt Col Gary Brooks</b>	DSN 574-7801 or Commercial (757) 764-7801
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Internet Address:

[gary.brooks1@langley.af.mil](mailto:gary.brooks1@langley.af.mil)

Postal Address:

216 Sweeney Blvd, Suite 114  
Langley AFB VA 23655-2793

FAX:

DSN 574-7800 or Commercial (757) 764-7800

## SECTION IV

### COMPETITION DESCRIPTION

1. This competition is designed to demonstrate the professional competence, leadership abilities, readiness and wartime capabilities that individuals and teams have achieved through dedicated study and home station training. Experience shows that intensive preparation, and the spirited competition itself, yield tangible benefits that significantly improve the readiness and responsiveness of civil engineers, services, and chaplain service forces.
2. Teams will compete for the Brigadier General (Ret) William T. Meredith Award and the title "Best of the Best." The competition will include two categories – Force Beddown and Base Recovery and three functional areas – Prime BEEF, Prime RIBS, and Chaplain Service.
3. Ten hard copy, Competition Books (Final Edition), which include the official RC-VII competition events, will be distributed to each team OIC upon the last team's arrival on 28 Apr 00, but no sooner than 1600. A coordination meeting will be held that same evening with all OIC/NCOICs. **NOTE**: An electronic version of the final Competition Book will also be added to the RC-VII web page that same evening.

## SECTION V

### RULES

1. Any person who has participated in the planning (or has event knowledge of) the forthcoming Readiness Challenge competition is hereby declared ineligible to participate as a team member, trainer/advisor, and/or the MAJCOM Rep. However, such persons may be included as one of a MAJCOM's remaining designated 18 DVs/visitors.

2. The following rules will apply to every event, unless otherwise stated in the event narrative. These rules are necessary to ensure the safe and equitable conduct of the overall competition:

a. **General Rules:**

(1) Judges, assistant judges, competitors, arbitration committee, public affairs personnel approved through HQ AFCESA/PA (including members of the civilian news media, and Air Force artists), and audiovisual personnel will be the only individuals authorized in the actual event areas during the competition. Audiovisual, public affairs, civilian news media and Air Force artists must not interfere with the conduct of the event. Badges will be issued to identify public affairs and audiovisual personnel. Spectators will have a designated area for viewing. Note: Teams (and their DVs/visitors) are not allowed to use a camera, a video camera, or any other similar means to capture another team's performance.

(2) Some events are closed to all spectators, except for Det 1, 823 RHS personnel, judges, assistant judges, arbitration committee, as well as those persons approved from the competing MAJCOM/country, and any others authorized by the RC-VII Officer-in-Charge. These events are closed for safety due to a lack of space or to ensure the fairness of the event. In these events, the competing team's OIC/NCOIC is responsible for identifying observers from their MAJCOM/country who will be allowed to observe. Closed events are noted on the applicable event narratives.

(3) The event locations are off limits to all participants and spectators except during actual event times. Other posted areas are off limits to all participants and spectators before, during and after the competition.

(4) Ten hard copy, Competition Books (Final Edition), including the official competition events, will be distributed to team OICs upon the last team's arrival on 28 Apr 00, but no sooner than 1600. A coordination meeting will be held that same evening with all OIC/NCOICs. **NOTE:** An electronic version will also be added to the RC-VII web page that day.

(5) Innovations are encouraged; however, they must not violate applicable orders or event safety rules, jeopardize personnel safety, degrade equipment reliability or take away from the original intent of the event. All innovation requests must be submitted in writing via e-mail (or fax) to Det 1, 823 RHS, by COB on **7 Apr 00**. Each team will be advised of their approved

innovations by 18 Apr 00. All approved innovations will be divulged publicly on 29 Apr 00. Decisions on innovation requests will be final.

(6) Once teams arrive at Det 1, 823 RHS, practicing events will not be allowed. Teams caught practicing will be disqualified from competing in that particular event and receive zero (0) points. Talking an event through, paperwork exercises or physical activity that does NOT involve equipment, tools or materials is permitted. **NOTE:** Teams are not allowed, nor authorized, to use non SF-issued team radios or scanners, at any time, during the competition.

(7) International competitors will use equipment equivalent to that described in "Event Rules" below. Equipment restrictions or limitations may also apply.

**b. Event Rules:**

(1) When used as a "reference", the term "event narrative" includes the whole description of that event, as well as any drawings, equipment listings and penalties.

(2) "Coaching" or assisting by spectators (including team members not in an event) is not allowed. The OIC/NCOICS and Representatives are requested to ensure the integrity of the competition by monitoring their personnel and enforcing this rule.

(3) Equipment must be IAW the basic Table of Allowances without supplements.

(4) For the purpose of this competition, all team members are required to deploy with the following:

(a) Field Gear. This consists of web belt, canteen with M-1 canteen cup, canteen holder, and Kevlar helmet or helmet with liner. Canteens must be full at the start of each participated event and may only be emptied by human consumption. Field gear must be worn as identified in the event narratives.

(b) Ground Crew Ensemble (GCE). This consists of jacket, trousers, M-series protective mask, hood, mask carrier, spectacle inserts, rubber gloves with cotton inserts and booties (either green vinyl overshoes or the footwear covering IAW the Technical Order (T.O.)). IAW AFMAN 32-4017 and T.O. 14P4-15-1, the mask must be operational; masks without filters will not be allowed. The GCE will be worn IAW T.O. 14P3-1-141 and AFMAN 32-4005. **Only training GCE shall be permitted;** all zippers, drawstrings, snaps and Velcro shall be functional.

(c) Work Gloves. This refers to traditional leather work gloves. The leather glove must have leather surrounding the hand and fingers. Leather sports gloves (such as batting gloves), NOMEX flyers' gloves or fingerless gloves (such as weight-lifting gloves) will not be allowed. Work gloves must be worn as identified in the event narratives.

(d) "A" Mobility Bag. This consists of such items as a flashlight, personal first aid kit, mess utensils and pan, wet weather parka and overalls and sleeping bag cases. This is also known as the minimum mobility bag.

(5) Teams will deploy with a minimum of one each of the standard Consolidated Tool Kits (CTK) as identified in the event narratives and as outlined in the “Prime BEEF Equipment and Supplies Listing.” However, partial tool boxes/tool bags may be used at team discretion for events.

(6) Explosive ordnance disposal personnel must also deploy with upper body armor protection.

(7) Fire fighters must deploy with all protective clothing and equipment specified in event narratives. Spare air bottles will be provided IAW event narratives.

(8) Teams are responsible for bringing technical orders, technical manuals, regulations and AFIs listed under "Team's Responsibility" in all event narratives. Teams may bring any other material referenced in event narratives.

(9) Licensing and (electronic) AF Form 522 — USAF Firearms Qualification (or similar international documentation) requirements specified in the event narratives must be met. **NOTE:** Teams and/or competitors failing to meet these requirements shall receive **no score** for each such occurrence.

(10) Familiarization time as described in the event narratives will be allowed before the start of each event. Team members will be permitted to ask the event judge safety-related questions about the proper and safe use of equipment. Teams will be timed during this familiarization time. Teams may not exceed the time allowed. If an event narrative includes a disassembly period prior to the competitive time start, this will be considered the team's familiarization time.

(11) Teams will not be allowed to start an event until the event judge verifies the required AFS(s) against the previously submitted team roster with position numbers. The Team OIC may compete in any event he/she is permitted, according to their AFS, to participate.

(12) The time clock for all events will start as per the scheduled event start time. **NOTE:** The time clock will start whether all competing team members are present or not.

(13) If a team does not have the required CE AFS(s) (or substitute CE AFS(s) IAW AFI 10-210) for an event, the team will not be authorized to participate in the event and will receive zero (0) points for that event. Emergency situations involving substitutes for Services and/or Chaplain Service AFSs will be handled on a case-by-case basis through the RC-VII head judge and must be coordinated prior to the start of the event.

(14) Up to three alternate team members, representing any AFS, may accompany each competing team to RC-VII. **NOTE:** If an alternate replaces an existing team member, the replaced team member, as well as any replaced alternates, are eligible to compete in subsequent events (throughout the competition), and vice versa, provided there is compliance with all other rules.



(15) If the team determines a mechanical failure has occurred during any event, all team members must cease actions, notify the event judge and step away from the equipment, unless otherwise stated in the event narrative. The team clock will stop until the event judge corrects the mechanical problem. An event clock will continue to keep a running time during the determination of mechanical failure. If failure is not deemed to be mechanical in nature, the event will continue and this running total time will become the team's competitive time. The event judge will determine if it is a mechanical failure. **NOTE**: STALLING OF EQUIPMENT DUE TO IMPROPER OPERATION DOES NOT CONSTITUTE MECHANICAL FAILURE.

(16) Fifty percent of the event completion time, plus penalties, will be added to the team's total time, if there is substitution of personnel after an event starts. Extenuating circumstances will be considered on a case-by-case basis.

(17) Once an event has started, competitors are required to continue until completion or time elapses (except for emergencies or equipment malfunctions). If a team fails to complete an event within the allotted time, that team will not be ranked higher than the lowest scoring team that has completed the event. Teams not completing an event will be ranked based on the fewest number of penalty points. **NOTE**: In addition, any team that does pursue an event to its logical conclusion will receive no greater than last place points for that particular event.

(18) Any full team that does not participate, (for whatever reason), in a scheduled event will receive **no score** for that particular event. Their overall score percentage will be likewise affected.

(19) If there is a safety violation, the event will be stopped to correct the problem; however, time will continue and a penalty will be assessed.

c. **Chaplain Service Participation.** Chaplain Service personnel may participate in all team events, which are not specific to any one AFS. Commanders can utilize them as they would any military member. The only restrictions are that the Chaplains may not carry weapons, assume command authority or perform duties incompatible with their professional role and non-combatant status (see AFI 52-101.1.5). The enlisted Chaplain Service Support Personnel (CSSP) can carry a weapon and must be weapons qualified.

d. **Arbitration Rules:**

(1) There are two formal levels of event scoring disagreement. The first level is called "protest." The second and final level is the "arbitration."

(2) MAJCOMs/countries may only protest/arbitrate their own event scoring.

(3) The event schedule, event sites and weather phenomena are not subject to protest or arbitration.

e. **Protests:**

(1) The Protest Team is comprised of the RC-VII head judge and co-head judge. All disagreements (protest/arbitration) must be brought to the attention of the Protest Team for resolution at this level, if possible.

(2) To submit a protest, the OIC/NCOIC will fill out a protest/arbitration form (available in the Welcome Center and Scoring Central (Bldg 9460)) and submit it within 90 minutes following the official event outbrief. The completed protest/arbitration form must be delivered to Scoring Central personnel to log it in and have it deposited in the head judge's mailbox. Representatives, if the OIC/NCOIC are unavailable, may deliver the completed form to Scoring Central to log in the protest. Upon delivery of the submittal, Scoring Central personnel will contact the Protest Team for coordination and review. **NOTE:** When submitting a protest, ensure all pertinent details of the disagreement are included. The protest does not have to be typed, but must be legible and complete.

(3) The Protest Team will evaluate the submittal and, if necessary, consult with the event judge/assistants, the OIC/NCOIC, Representative, event participants or other personnel deemed necessary before reaching a conclusion on the submittal. **NOTE:** The Protest Team's decision will be either in favor of or against the submittal, either in whole or part, of the protest.

(4) The Protest Team's decision will be put in the submitting team's distribution box in Scoring Central. A Protest Team member will also contact the OIC/NCOIC (or Representative) and discuss the decision with them, if possible. The OIC/NCOIC (or Representative, as applicable), shall then have 90 minutes to respond to the decision after notification.

(5) If a valid protest is submitted and it affects more than one command, all affected scores will be adjusted.

(6) If the protest cannot be resolved at this level, the Protest Team will then submit the completed protest to the Arbitration Team.

f. **Arbitrations:**

(1) The Arbitration Team is comprised of one colonel (O-6) Team Chief and a team of officers and senior NCOs representing the major functional areas/AFSSs.

(2) The Arbitration Team is responsible for settling all differences (i.e. rules, technical publication interpretation, event intent, etc) and rendering decisions on any and all submittals that cannot be resolved.

(3) The Arbitration Team will take the completed protest/arbitration form and, if necessary, contact the Protest Team, event judges/assistants, team OIC/ NCOIC, Representative, event participants or other personnel deemed necessary before reaching a conclusion on the submittal.

(4) The Arbitration Team's decision will be either in favor of or against the submittal, either in whole or in part, of the original protest.

(5) If an Arbitration Team decision affects more than one command, all affected scores will be adjusted.

(6) Upon resolution of the submittal by the Arbitration Team, the completed submittal will be returned with the Arbitration Team's decision, through the head judge, to the submitting team's distribution box in Scoring Central.

(7) Decisions rendered by the Arbitration Team are final and will not be subject to review by any other competition official or higher authority/headquarters.

3. Teams submitting frivolous protests/arbitrations do so at the risk of losing one position in the event placement standings if the Arbitration Team deems the submittal unworthy of serious consideration. No other team scores will be affected. (For example, if the fourth place team submits a frivolous protest/arbitration, there will be no fourth place finisher in that event, but two fifth place finishers.)

**SAMPLE**

**READINESS CHALLENGE  
PROTEST / ARBITRATION FORM**

EVENT: Concrete Slab Repair      EVENT JUDGE: TSgt Dozer  
COMMAND: RCCOM      COMMAND REP: Nosemore  
TIME SCORE SHEET POSTED: 1300    ARBITRATION SUBMITTED: 1349

PROTEST: During the installation of the concrete slabs into the precut crater, the "T" and "L" spacers were not used. The event judge assessed a 5 minute penalty for not using the spacers that were provided. During the equipment pre-check inspection period prior to the event, both the slabs and the crater were measured to ensure everything would fit properly. Our calculations indicated that all the slabs would not fit if the 3/8" wide spacers were used across the repair. We believe the precut crater was not cut to proper dimensions.

REFERENCE: RC-VII competition rules do not require spacers. The event description does list the spacers as part of the inventory. AFR 93-12, Vol II, para 3-15c, dated 14 May 87, indicates "spacers should be used to keep slabs from butting up against each other and to help adjust the slab spacing throughout the repair." In the event that the overall dimensions are too small due to improper layout and/or sawing operation, spacers may be deleted to ensure slab installation. This omission may create additional problems when sanding operation must be implemented."

ACTION DESIRED: Delete 5 minute penalty from event score as the penalty should not have been assessed. While the spacers were provided, their use is optional per referenced guidance.

COMMAND REP / OIC/NCOIC SIGNATURE: \_\_\_\_\_

HEAD JUDGE COORD: \_\_\_\_\_

RC-VII P/A SUBMITTAL NUMBER: 004

DECISION: \_\_\_\_\_

DISCUSSION: \_\_\_\_\_

OFFER: \_\_\_\_\_

\_\_\_\_\_ SOLVED AS A PROTEST      \_\_\_\_\_ FORWARDED TO ARBITRATION TEAM

\_\_\_\_\_  
HEAD JUDGE SIGNATURE      \_\_\_\_\_      TIME: \_\_\_\_\_  
COMMAND SIGNATURE

**SAMPLE**

**READINESS CHALLENGE  
ARBITRATION TEAM DECISION**

SUBMITTAL NUMBER: 004

COMMAND: RCCOM

EVENT: Concrete Slab Repair

DECISION: Resolved in favor of the team. The 5 minute penalty is removed from your event score sheet and your total score and final position adjusted accordingly.

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DISCUSSION: Review of the technical publication (AFR 93-12) reflects that the use of spacers is preferred but is not mandatory. Competition rules did not require the use of the spacers. Further investigation and measurement of your crater repair area revealed your team made the correct decision to not use the spacers. Use of the spacers would have prevented or at least significantly slowed the installation of the slabs.

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ARBITRATION TEAM CHIEF SIGNATURE: \_\_\_\_\_

TIME: \_\_\_\_\_ DATE: \_\_\_\_\_

## SECTION VI

### JUDGING AND SCORING

1. Judges and assistant judges will be members of the Det 1, 823 RHS cadre and qualified augmentees from other functional agencies. Judging will be accomplished IAW the applicable narrative and references for each particular event. Det 1, 823 RHS cadre and qualified augmentees will determine the scoring criteria (including penalty and bonus points) for each event.
2. Immediately following the completion of an event, the event judge will outbrief the event team leader on their team's raw competition time, as well as the penalty time assessed and bonus time awarded, as applicable. This is intended for clarification purposes only. The event team leader will be required to sign the scoring worksheet to confirm that he/she was outbriefed in regards to the event. After the event team leader's outbrief, the worksheet will be taken to Scoring Central. Scoring Central will calculate the adjusted time and determine the applicable point score based upon that adjusted time (which includes any penalty and/or bonus time.) Scoring Central will fill out the team's score sheet (indicating the adjusted time, but not the point score), and make required copies for event distribution and historical purposes. Point scores will not be released outside Scoring Central. A copy of the competing team's score sheet will then be placed in that team's mailbox at Scoring Central.
3. The decathlon scoring method will be used. Scoring will be based on the completion time and the points accumulated for each specific event. As such, it may be possible for more than one team to earn maximum points for an event. Point scores for specific events will be revealed at daily score posting. **NOTE**: In the interest of keeping competition keen, some scores will be masked during score posting.
4. If there is a tie in a particular event, the tie breaker will be decided by the least penalty points. If there is still a tie, the winner of the event shall be the team that guesses closest to, but does not exceed, its adjusted time for the event. **NOTE**: The 'guessed' adjusted time shall be recorded prior to the start of each event.
5. In the event of a category or overall competition tie, the tie breaker will be the highest number of first place finishes, then the highest number of second place finishes, and so on until the tie is broken.

## SAMPLE

### **READINESS CHALLENGE DECATHLON SCORING DECISION**

Event: Concrete Slab Repair

Event Judge: TSgt Dozer

Maximum Point Value: 200

#### Decathlon Time

#### Points Earned

59 minutes to 60 minutes	200 pts
60 minutes to 61 minutes	195 pts
61 minutes to 62 minutes	190 pts
62 minutes to 63 minutes	185 pts
63 minutes to 64 minutes	180 pts

Example 1: Team A completes this event in a raw time of 58 minutes and 20 seconds. They have four penalties totaling two minutes of penalty time. They earn no bonuses.

The adjusted score for Team A is:

$$\begin{aligned}\text{Adjusted Score} &= \text{raw time} + \text{time for penalties} - \text{time for bonuses} \\ &= 58:20 (\text{raw time}) + 2 \text{ minutes (penalties)} - 0 (\text{bonus}) \\ &= 60:20 \\ &= 195 \text{ points}\end{aligned}$$

Example 2: Team B completes this event in a raw time of 57 minutes and 40 seconds. They have two penalties totaling three minutes of penalty time. They earn 10 seconds of bonus time.

The adjusted score for Team B is:

$$\begin{aligned}\text{Adjusted Score} &= \text{raw time} + \text{time for penalties} - \text{time for bonuses} \\ &= 57:40 (\text{raw time}) + 3 \text{ minutes (penalties)} - 10 \text{ seconds (bonus)} \\ &= 60:30 \\ &= 195 \text{ points}\end{aligned}$$

Example 3: Team C completes this event in a raw time of 62 minutes and 30 seconds. They have no penalties. They earn one minute and 40 seconds of bonus time.

The adjusted score for Team C is:

$$\begin{aligned}\text{Adjusted Score} &= \text{raw time} + \text{time for penalties} - \text{time for bonuses} \\ &= 62:30 (\text{raw time}) + 0 (\text{penalties}) - 1 \text{ minute and 40 seconds (bonus)} \\ &= 60:50 \\ &= 195 \text{ points}\end{aligned}$$

## SECTION VII

### CATEGORIES / AWARDS (in order of presentation)

<u>AREA</u>	<u>AWARD / TROPHY</u>
• EACH EVENT	FIRST PLACE TEAM
• CATEGORIES:	
•• CHAPLAIN SERVICE	FIRST PLACE TEAM – <b>Chaplain Robert P. Taylor Award</b>
•• PRIME RIBS	FIRST PLACE TEAM – <b>Services Combat Excellence Award</b>
••• PRIME BEEF – FORCE BEDDOWN	FIRST PLACE TEAM
••• PRIME BEEF – BASE RECOVERY	FIRST PLACE TEAM
•• PRIME BEEF	FIRST PLACE TEAM – <b>Chief Master Sergeant (Ret) Arthur J. Hanrahan Award*</b>
• OUTSTANDING INDIVIDUALS:	
•• SERVICES	<b>Chief Master Sergeant William E. Morrison Awards</b> – Awarded to the most outstanding Services participants demonstrating the spirit and principles of professionalism, leadership and teamwork.
•• CIVIL ENGINEER	<b>Major General (Ret) George E. Ellis Awards*</b> – Awarded to the most outstanding Civil Engineer participants demonstrating the spirit and principles of professionalism, leadership and teamwork.
• FOG-OF-WAR	<b>Major General (Ret) James E. McCarthy Readiness Award*</b> – Awarded to the team winning the Fog-of-War event.
• OVERALL TEAM COMPETITION:	
•• THIRD PLACE OVERALL	
•• SECOND PLACE OVERALL	
•• FIRST PLACE OVERALL	<b>Brigadier General (Ret) William T. Meredith Award*</b> – Awarded to the team selected as the “Best of the Best”.

\* These awards are institutionalized in the CE Awards AFI 36-2817.



SECTION X  
NARRATIVES

CATEGORY: PRIME BEEF – FORCE BEDDOWN

LOCATION: A8

EVENT: Tent Extendable Modular PERSONNEL (TEMPER) Tent Erection

A. Number of Team Members: Maximum of 27

B. Required AFS: Any

C. Familiarization Time Allowed: 5 minutes

Any time exceeding the allowed familiarization/inspection period will be added to team's competition time.

D. Competitive Time Limit: 90 minutes

E. Narrative: This event is an evaluation of procedures to include quality, safety, and timeliness in the erection of a TEMPER Tent with wood floor. Prior to the scheduled event time, teams will be given the opportunity to un-pack and inspect the tent. At the judge's signal, each team will be required to erect a 32' x 20' personnel tent with vestibule and wood floor with mudsills. The wood floor must be built in accordance with the attached diagram +/- 3/4". Sawhorses may be built. All wood must be cut on a sawhorse or on the wood stack. The front corners of the tent, with the vestibule assembly, will be placed where the flags are located, opposite the start finish line. Heater flaps are to be closed and secured. The tent framework will set to the outside of the wood floor. All procedures will be in accordance with the applicable T.O. with the following exceptions/modifications.

F. References: T.O. 35E5-6-1, 1 March 93, T.O. 35E5-6-1C (Supplement), wood floor diagram (attached), sawhorse diagram (attached), and event narrative.

1. T.O. 35E5-6-1, 1 March 93 and T.O. 35E5-6-1C (Supplement) exceptions:

- a. Page 2-27, M-1941 stove will not be used
- b. Page 2-35, para 2-12a, single ply floor will not be used
- c. Page 2-38, para 2-12d, liner will not be installed
- d. Page 2-40, para 2-12e, plenums will not be installed
- e. Page 2-49, para 2-17b, sod cloth will remain outside the tent
- f. Page 2-53, para 2-19w, will not be used
- g. Page 2-53, para 2-19x, will not be used
- h. Page 2-53, thru 57, para 2-20, bump through doors will not be installed
- i. Page 2-56, para 2-22, modesty curtain will not be installed

2. T.O. 35E5-6-1, 1 March 93 and T.O. 35E5-6-1C (Supplement) modifications:

- a. Page 2-51, para 2-19, vestibule assembly will be used as an entryway and will be connected to an end wall
- b. Page 2-51, para 2-19, front entryway doors and screens must be rolled and tied. The rear door will be rolled and tied similar to the front door
- c. Page 2-59, para 2-24b, windows must be rolled up with the exception of the clear plastic windows which will be secured in the down position
- d. Page 2-59, para 2-24c, peak vents will be tied open
- e. Roof vents must all be tied closed
- f. Steel pins will be used for all framework anchoring and wooden stakes will be used for all guy lines

The procedures outlined in the T.O. do not have to be followed in step; however, the end result must be that all items are correctly placed. As an additional safety requirement, all team members will wear leather work gloves while working with the TEMPER tent frame (i.e., any metal parts), however leather work gloves are optional while becketing and working with the wood floor. Helmet with liner or Kevlar helmet and safety-toed boots must be worn throughout the entire event. Prior to the completion of the event, all tools must be returned to the Start/Stop box, all unused wood must be stacked in the original location, and unused tent materials must be placed in the tent box. Time will stop when all team members are in the Start/Stop box and the team leader notifies the judge to “stop time.”

G. Materials and equipment:

1. Provided by Det. 1, 823 RHS:

- a. Tent extendible modular - utility with vestibule.
  1. Arch assembly 5 ea.
  2. Header 5 ea.
  3. Purlin 20 ea.
  4. Eave extender 10 ea.
  5. Ridge extender 5 ea.
  6. Vestibule frame 3 ea.
  7. End section fabric 2 ea.
  8. Window section, temperate 4 ea.
  9. Fabric vestibule 1 ea.
  10. Tent fly, 16' 2 ea.
  11. Pin, tent, steel 40 ea.
  12. Pin, tent, 24" wood 20 ea.
  13. 19' guy lines 30 ea.
  14. Tent slips 30 ea.
  15. Wood mallets 2 ea.
  16. Sledge hammer 2 ea.
  17. 2" x 4" x 10' 10 ea.
  18. 2" x 4" x 16' 26 ea.
  19. 2" x 6" x 10' 10 ea.

20. 4' x 8' x $\frac{3}{4}$ " Plywood	21 ea.
21. 16d Nails	10 lbs.
22. 8d Nails	10 lbs.

2. Team's responsibility:

- a. Leather work gloves
- b. Safety-toed boots
- c. Helmet with liner or Kevlar helmet
- d. Knife
- e. 1ea. 3E3X1 CTK

H. Event scoring: Event scoring is based on any quality/safety penalties and completion time.

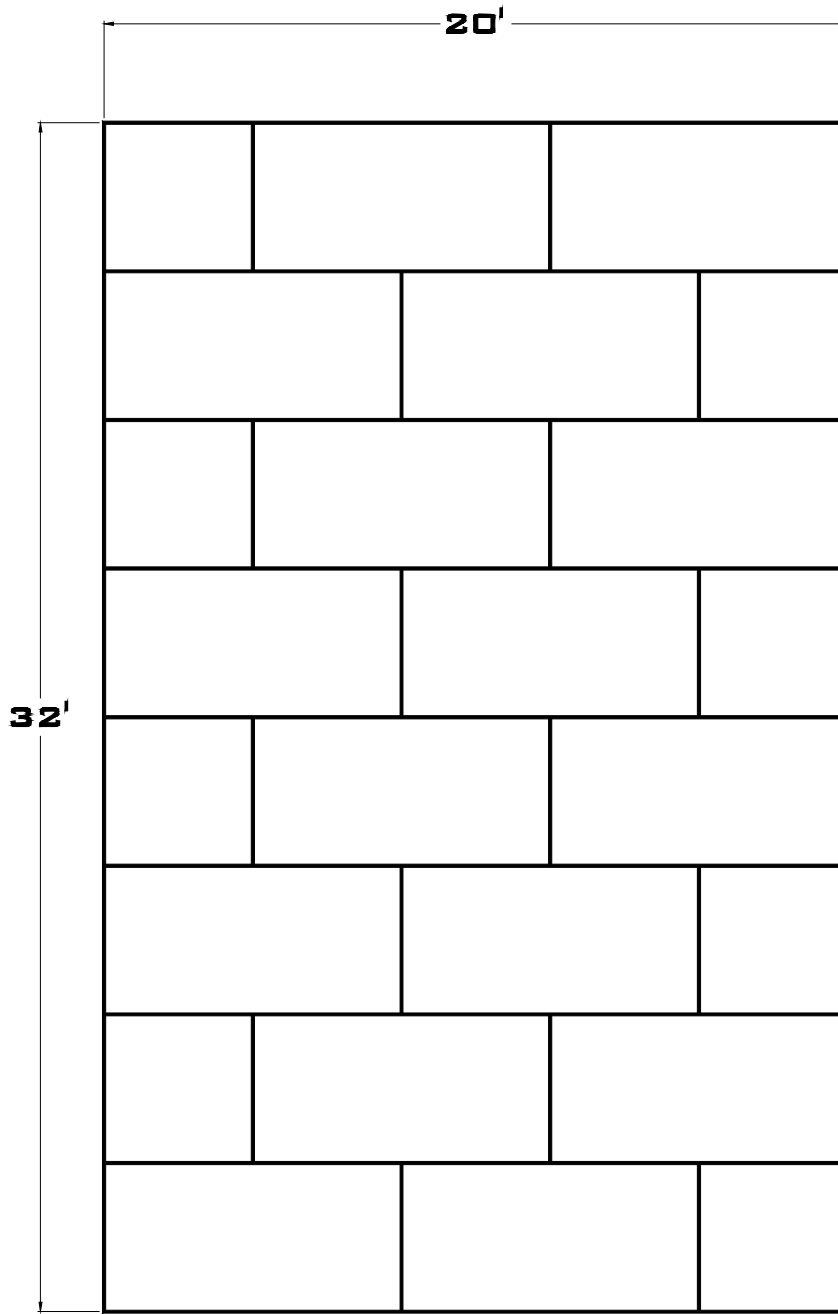
I. Quality / safety penalties:

1. Safety violation
2. Each incorrect procedure
3. Not properly wearing field or safety gear
4. T.O. procedures not followed
5. Cutting material on non-approved surfaces
6. Not complying with blueprints
7. Floor not properly constructed (+/-  $\frac{3}{4}$ " )

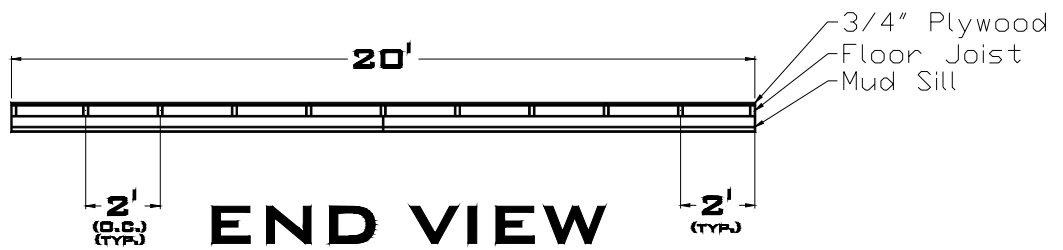
J. Event judge: SSgt Boudreau

SSgt Steven Boudreau is a member of the Structural Contingency Training Section at the Silver Flag Exercise Site and has been assigned to the Silver Flag Site since December 1996. Prior to this assignment he was a Structural Technician at Little Rock AFB, AR. He has had several contingency tours throughout his career including a tour in Desert Shield and Desert Storm. He served as an assistant judge for several events during Readiness Challenge VI.

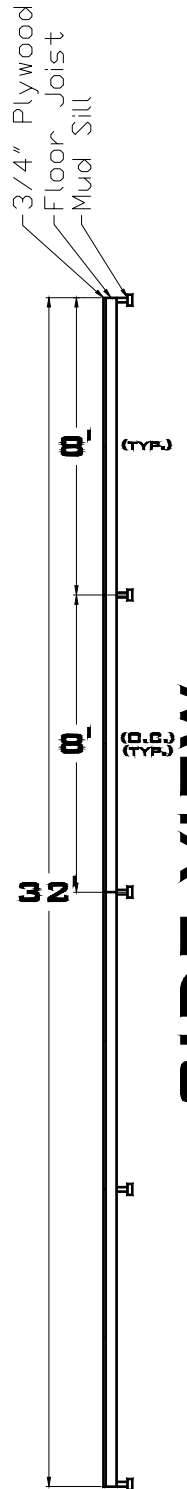
# TEMPER TENT FLOOR



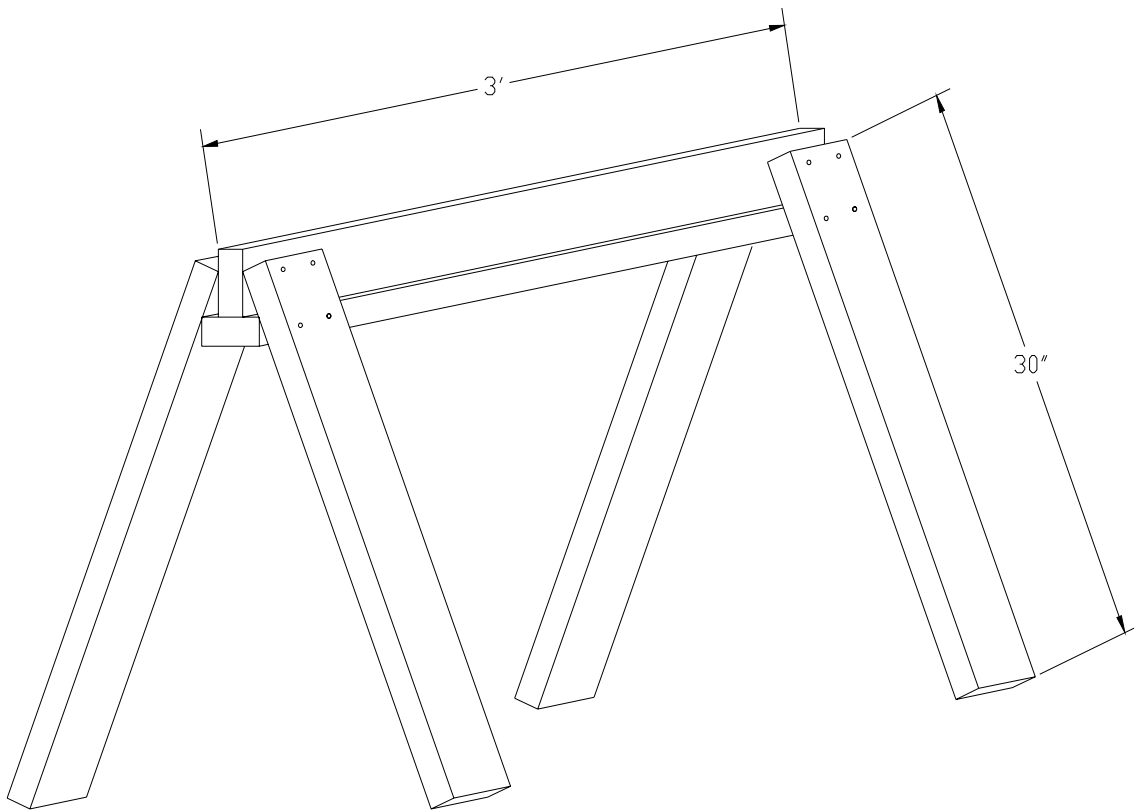
**TOP VIEW**



**END VIEW**



**SIDE VIEW  
MUD SILL & JOIST**



**SAW HORSE**

CATEGORY: PRIME BEEF – FORCE BEDDOWN

LOCATION: A8

EVENT: Hardback Construction with Lighting

A. Number of Team Members: Maximum of 10

B. Required AFS: 1 – 3E0X1 and 9 – Any

C. Familiarization Time Allowed: None

Any time the exceeding the allowed familiarization/inspection period will be added to team's competition time.

D. Competitive Time Limit: 120 Minutes

E. Narrative: This event is an evaluation of procedures to include quality, safety, and timeliness in the erection of a 31' 6" x 15' 6" x 10' ½" high hardback and installation of tent lighting in a 90' x 60' area IAW this narrative and the National Electric Code. At the judge's start signal, each team will begin competition from their Start/Stop box. Empty nail aprons/pouches may be worn; however, all other tools are inside the specified toolbox. For the hardback construction portion, each team is required to build a minimum of two saw horses during the competition IAW the attached drawing  $\pm \frac{3}{4}$ ". Additional sawhorses may be constructed as long as they meet the specification of the drawing attached and remain constructed for judging purposes. All materials, with the exception of corner braces, will be cut either on the saw horses or the wood stack. Only approved innovative devices and pre-made jigs/guides are authorized. No power tools are to be used. Silicone and/or WD-40 will be authorized. Wall skirting must be constructed on all four sides of the tent, excluding door entrances/exits. For the tent lighting portion, the team is required to install electrical wires and devices. All electrical devices installed must be operational. One light switch will be mounted to the door frame to control three tent light fixtures. One duplex receptacle will be mounted to a 2" x 4" stud centered on a side wall at a height of 12" above finished floor. This receptacle will not be tied into the light switch. A disconnect box is to be mounted inside the tent frame on an end wall near a doorway on a 12" x 12" plywood board nailed to the tent frame. Wire used in the tent is 12/2 with ground. Wire is to be secured to the tent frame with Romex staples. Safety goggles/glasses, safety-toed boots, and helmet with liner or Kevlar helmet will be worn at all times during the event. Wear of leather work gloves is optional. Event time will stop when all tools and team members are across the Start/Stop line and the team leader notifies the judge to "stop time."

**NOTE:** Nails will not be allowed to be pre-placed for the GP Tent Installation with Heater (over a hardback) event. Also, no additional time will be allowed after the event is complete for additional nailing, bracing or securing. The hardback structural integrity must be achieved during this event.

F. References: 1999 National Electric Code, event narrative, blueprints (attached), and sawhorse drawing (attached).

G. Materials and equipment:

1. Provided by Det. 1, 823 RHS:

a. Lumber:

(1) 2"x4"x16'	36 ea.
(2) 2"x4"x12'	21 ea.
(3) 2"x4"x10'	35 ea.
(4) 2"x6"x16'	11 ea.
(5) 1"x6"x12'	5 ea.
(6) 3/4" plywood	17 ea.
(7) 1/2" plywood	7 ea.

b. Nails Assorted

c. Ladders 2 ea.

d. Romex 12/2 with ground 80 ft.

e. Porcelain light fixtures 4 ea.

f. Octagon boxes 4 ea.

g. Utility boxes 2 ea.

h. Duplex receptacle w/cover 1 ea.

i. Light switch w/cover 1 ea.

j. Romex staples 50 ea.

k. Disconnect box, 3 wire, two pole 1 ea.

l. Romex connector 15 ea.

m. Wire nuts 30 ea.

n. Wood screws 20 ea.

o. Bulbs 6 ea.

p. Fuses, 10 amp 3 ea.

q. K.O. seals 5 ea.

r. Tape, electrical 1 rl.

s. Energized power source (available for systems check and judging only)

2. Team's responsibility:

a. Tool boxes:

(1) 3E3X1 CTKs	3 ea.
(2) 3E0X1 CTK	1 ea.

b. Safety goggles/glasses

c. Safety-toed boots

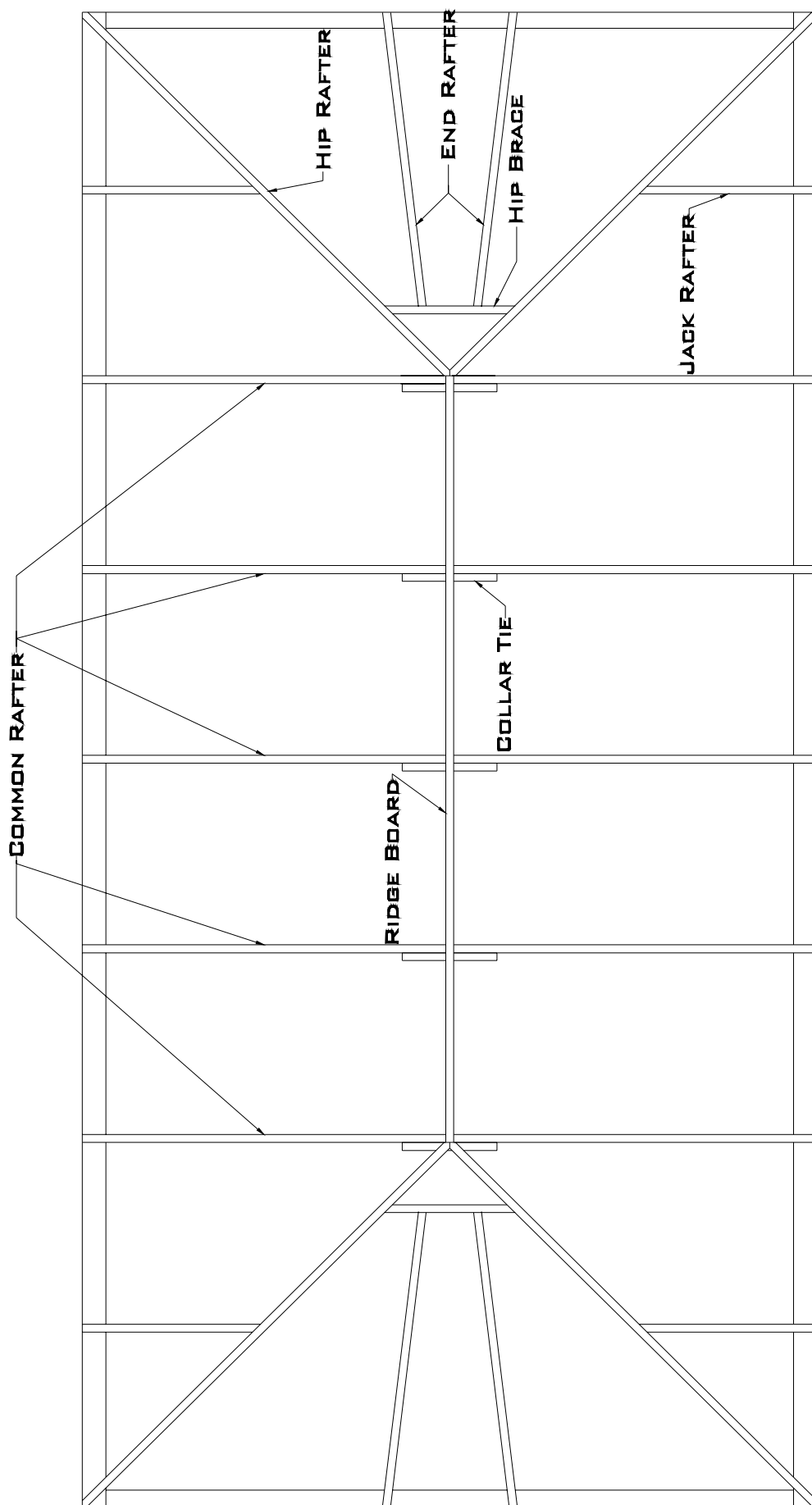
d. Helmet with liner or Kevlar helmet

e. Leather work gloves (optional)

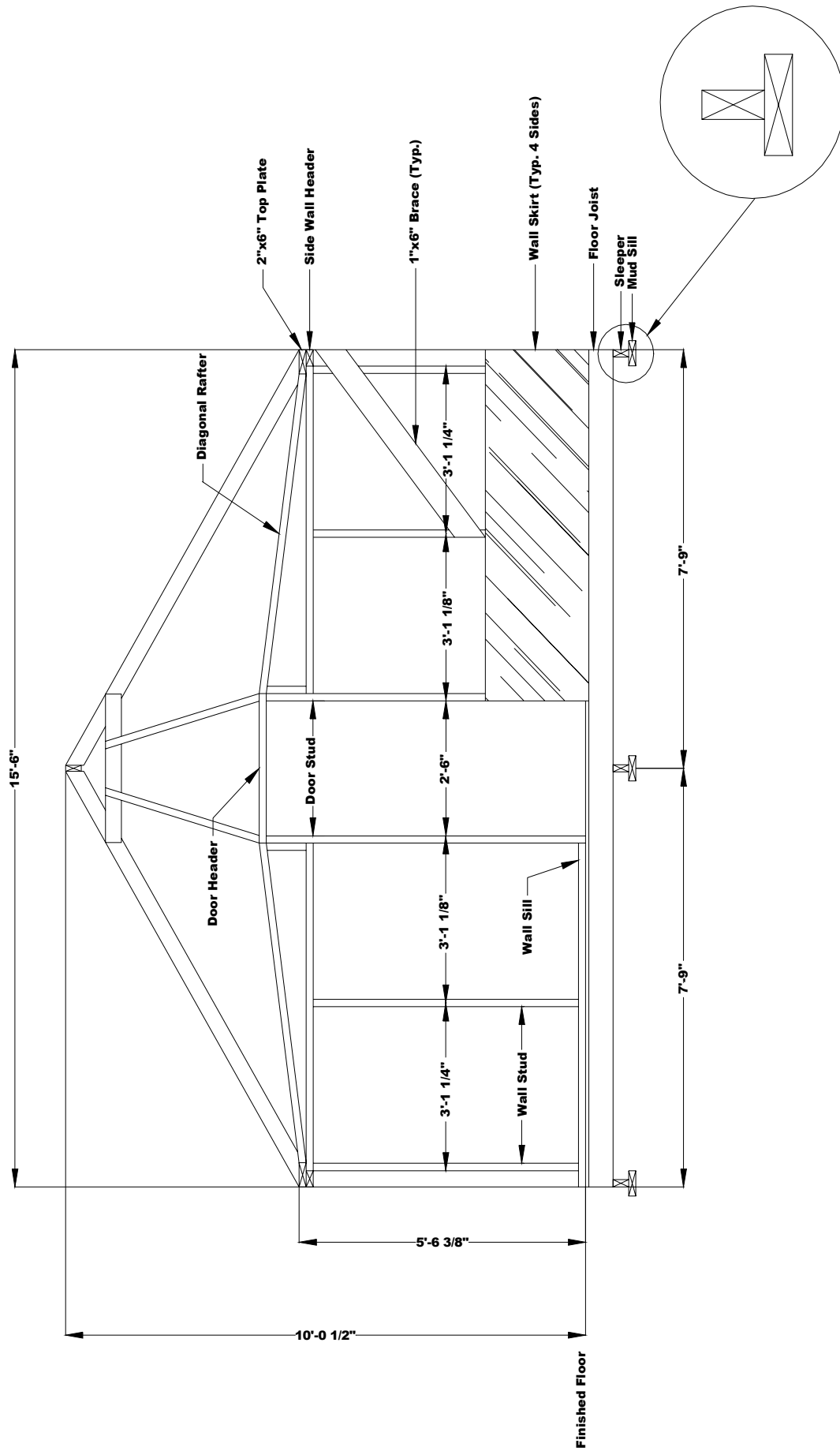
- f. Silicone or WD-40 (if desired)
  - g. Nail aprons, if desired
- H. Event scoring: Event scoring is based on quality/safety penalties and completion time less any bonus time.
- I. Quality / safety penalties:
  - 1. Structurally unsound / unsafe hardback
  - 2. Safety violation
  - 3. Hardback not properly constructed (+/- 3/4")
  - 4. Saw horse not built
  - 5. Cutting material on non-approved surfaces
  - 6. Not complying with blueprints
  - 7. Utility or octagon box not secured to frame
  - 8. Receptacle inoperable
  - 9. Improper installation procedures
  - 10. Placing nails in structure for GP tent event
- J. Bonus time:
  - 1. Each full length of 2" x 4" not used
  - 2. Each full sheet of plywood not used
- K. Event safety: A team member may leave for medical attention and return with no penalty imposed.
- L. Event judge: TSgt Carter

TSgt Scott B. Carter is a 14-year Air Force veteran Structural Technician. He has been a contingency training instructor at Silver Flag Exercise Site for 4 years. Past assignments include San Antonio Real Property Maintenance Agency (SARPMA), Randolph AFB, Texas, 554<sup>th</sup> RED HORSE Squadron, Osan Air Base, Korea, Truk Island, Micronesia, and 325 CES, Tyndall AFB, Florida. He served as Head Judge and assistant judge for several events during Readiness Challenge VI.

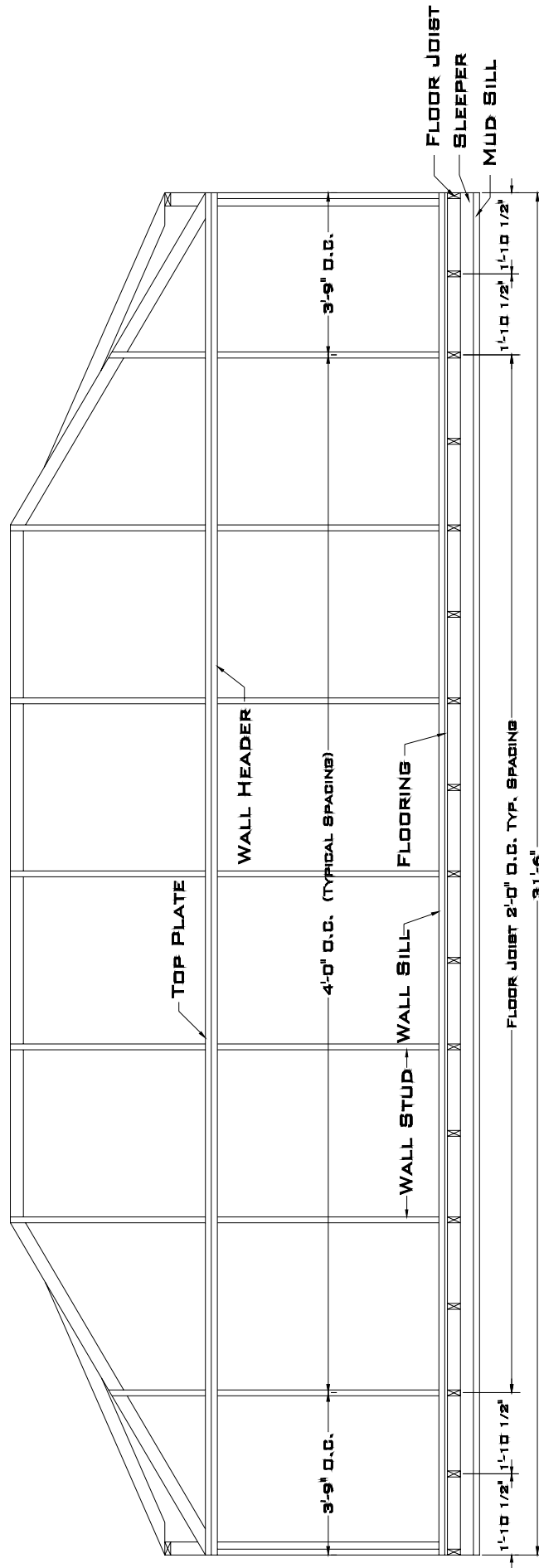




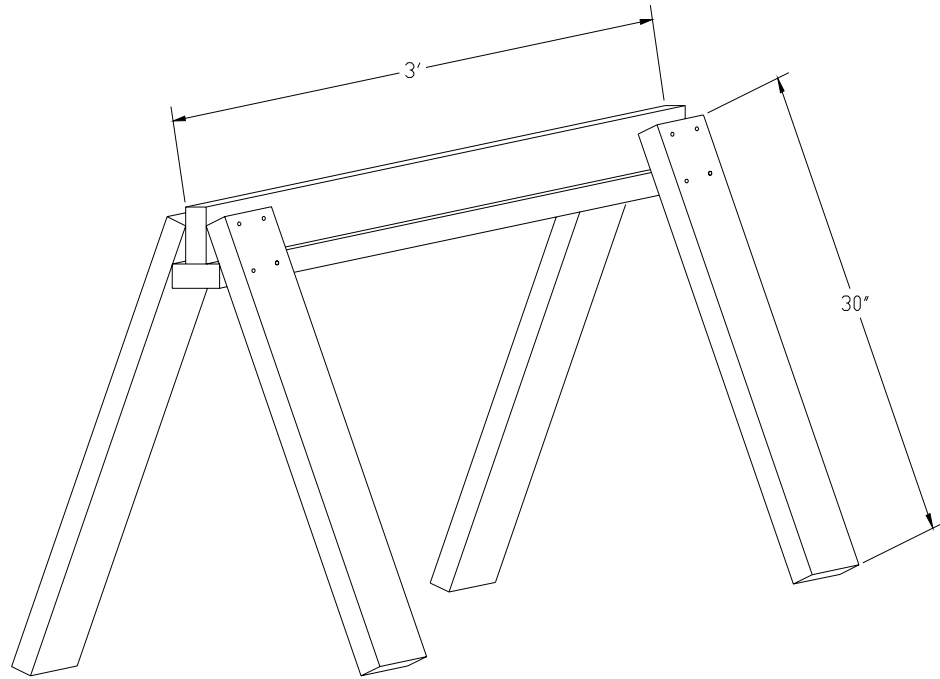
# TOP VIEW



# End View



# SIDE VIEW



**SAW HORSE**

CATEGORY: PRIME BEEF – FORCE BEDDOWN

LOCATION: A8

EVENT: General Purpose (GP) Medium Tent Installation with Heater

A. Number of Team Members: Maximum of 27

B. Required AFS: Any

C. Familiarization Time Allowed: None

Any time exceeding the allowed familiarization/inspection period will be added to team's competition time.

D. Competitive Time Limit: 30 Minutes

E. Narrative: This event is an evaluation of procedures to include quality, safety, and speed in placing a tent on a hardback while simultaneously installing and lighting the 70,000 BTU Space Heater. Prior to the scheduled event time, teams will be given the opportunity to unpack and inspect their tent and the 70,000 BTU Space Heater. They will then repack the tent and extra rope IAW T.O. 35E5-1-101, (excluding buttoning of the doors), then place it in the diaper, and secure the ropes. The 70,000 BTU Space Heater will be inspected in its staging area for completeness of parts and accessories but will not be test fired. The competition will begin with all teams and their tools in the Start/Stop box. At the judge's start signal, each team will move into the event area and begin. The tent will be placed with ridge seam centered on the ridge of the hardback. Two large air duct sleeves located at each end wall will be secured with tie tapes and pulled to the outside. Corners will be zipped closed and all vent openings will be closed and secured. All ropes/lines will be secured with the exception of the footstop ropes/lines. Guy lines/ropes secured with nails in an "X" fashion on all four sides according to the attached diagram. Jumper ropes are to be tied and secured with a knot. Doors will be left open and screens will be secured open. Climbing on the hardback is authorized. All team members, during the event, will wear eye protection, safety-toed boots, helmet with liner or Kevlar helmet, and leather work gloves. Any damage done to the hardback or tent lighting will be repaired prior to completion of the event. Space heater will be installed and lit IAW Army T.M. 5-4520-235-13 inside the end of the tent closest to the Start/Stop box. Lighting the space heater should not be performed until the team members are sure that the tent is in its final position on the hardback. This will prevent the vent stacks from separating if the tent is shifted/moved while the space heater is operating. The fire extinguisher is to be placed on the ground outside the door closest to the space heater. The space heater will remain lit until judging is complete. Time will stop when all team members and their tools return to the Start/Stop box and the team chief notifies the judge to "stop time."

F. References: Event narrative, rope configuration diagram, General-Purpose tent - Air Force T.O. 35E5-1-101, 16 Sep 90; 70,000 BTU Space Heater, Army T.M. 5-4520-235-13.

G. Materials and equipment:

1. Provided by Det. 1, 823 RHS:

- a. GP Medium tent with diaper
- b. Nails
- c. Step ladders 2 ea.
- d. 70,000 BTU space heater
- e. Complete vent system
- f. Fuel can with diesel fuel 5 gal.
- g. Lighting paper
- h. Fire extinguisher
- i. Rags
- j. Sheet metal screws
- k. Extra ropes
- l. Matches

2. Team's responsibility:

- a. 3E3X1 CTK 2 ea.
- b. 3E1X1 CTK 1 ea.
- c. Bar of soap (if desired) 1 ea.
- d. Eye protection
- e. Safety-toed boots
- f. Helmet with liner or Kevlar helmet
- g. Leather work gloves

H. Event scoring: Event scoring is based on quality/safety penalties and completion time.

I. Quality / safety penalties:

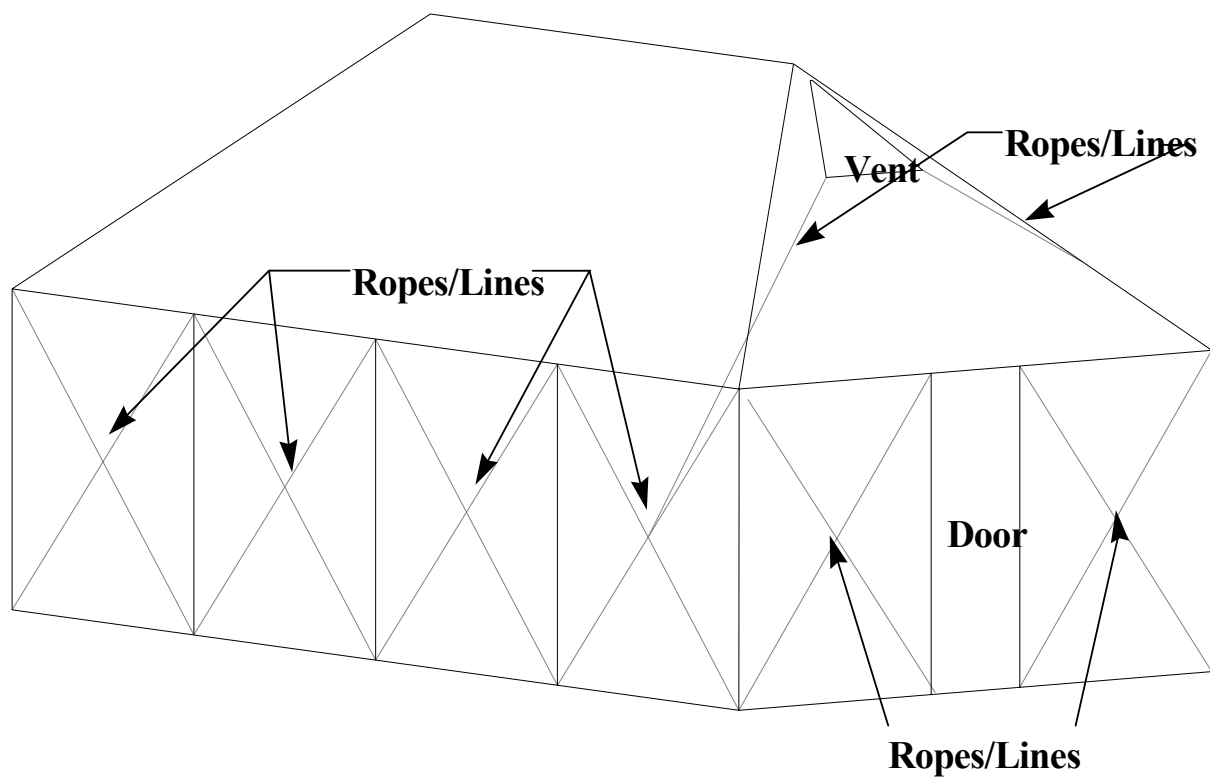
- 1. Each safety violation
- 2. Tent ridge not placed over hardback ridge (1½" tolerance)
- 3. Each vent, ECU, heater opening not closed and secured
- 4. Each rope/guy line not secured (excluding footstop ropes)
- 5. Each corner not completely zipped
- 6. Each tear in tent
- 7. Un-repaired damage to hardback frame or lighting
- 8. Stepping out of the event area and then returning to the event area
- 9. Any equipment left in the event area excluding ladders
- 10. Damage to heater
- 11. Metal pan not placed under heater so as to extend beyond heater and fuel can
- 12. Heater not properly located in tent
- 13. Heater exhaust not lined up straight with exhaust outlet of tent
- 14. Fuel system leaks during operations
- 15. Control valve not level

16. Spilled fuel on outside of heater or in metal pan
17. Rain cap not inserted properly
18. Draft regulator improperly installed or not secured
19. Using incorrect lighting procedures
20. Not properly wearing field or safety gear
21. Heater not operating during judge's inspection
22. Fire extinguisher not properly located
23. T.O. or T.M. procedures not followed

J. Event judges: Structural - SrA Delo and HVAC - TSgt Daugherty

SrA James J. Delo, Jr. has been a Structural Contingency Instructor at Detachment 1, 823 RED HORSE Squadron for six months. He has been deployed in support of Operation Southern Watch and Operation Uphold Democracy/Exercise New Horizons. This is his first Readiness Challenge.

TSgt Dean A. Daugherty is a 16-year Air Force Veteran in Heating, Ventilating, Air Conditioning and Controls. Assigned at Detachment 1, 823 RED HORSE Squadron, he has served as head judge and assistant judge on several events for Readiness Challenge V and VI.



## ROPE CONFIGURATION



CATEGORY: PRIME BEEF – FORCE BEDDOWN

LOCATION: A7

EVENT: Camouflage, Concealment and Deception (CCD) Procedures

- A. Number of Team Members: Maximum of 27
- B. Required AFS: Any
- C. Familiarization Time Allowed: 10 Minutes  
Any time exceeding the allowed familiarization/inspection period will be added to team's competition time.
- D. Competitive Time Limit: 30 Minutes
- E. Narrative: This event is an evaluation of procedures to include quality, safety, and timeliness in the camouflage and concealment of an M-35 vehicle. Prior to the scheduled event time, teams will be given the opportunity to un-pack, inspect, and certify the camouflage screen and support system. Laying out of packed equipment bags (inside of the Start/Stop box) and marking damage on the vehicle, to be camouflaged and concealed, will be accomplished during the familiarization time, just prior to competition. At the judge's signal each team must construct a cover in the quick disconnect configuration method, using the camouflage screen and support system provided in an area 90' x 60'. **Teams must erect camouflage netting using the spring/summer design, and all screening (3 hex and 3 diamonds) must be used.** Support poles must not come in contact with the vehicle. Team must ensure that not more than a 6" gap exists between the ground and bottom edge cord of the net. Team members must wear leather work gloves while hammering or holding stakes for hammering. Hammers, stakes, support poles, and spreader bars may not be thrown/tossed. Competitive time will stop when the last team member crosses the Start/Stop line and the team chief notifies the judge to "stop time."
- F. References: AFM 24-306, Aug 93; TM 5-1080-200-13&P, 29 Jan 87, Change 5; and event narrative.
- G. Materials and equipment:
  - 1. Provided by Det. 1, 823 RHS:
    - a. Camouflage screen systems (standard woodland green) 3 ea.
    - b. Support systems 3 ea.
    - c. OD Green Tape 1 rl.
    - d. M-35 Vehicle 1 ea.

2. Team's responsibility:

- a. Hammers 3 ea.
- b. Leather work gloves

H. Event scoring: Event scoring is based on quality/safety penalties and completion time.

I. Quality / safety penalties:

- 1. Tearing screen, each tear
- 2. Using improper procedures IAW references
- 3. Broken pins/clips
- 4. Clips that have not been pinned
- 5. General safety violations
- 6. Damage to item
- 7. Any equipment or personnel leaving designated area
- 8. Exceeding 10 minutes for inspection

J. Event judge: TSgt Hopper

TSgt Kevin Hopper has been in the United States Air Force for 17 years. He has been in Readiness for six years after cross-training from the Fire Protection career field. TSgt Hopper has been assigned to the Silver Flag Exercise Site for two years. His previous assignments include Maxwell-Gunter, AFB, AL, Ramstein-Vogelweh Germany, Norton AFB, CA, King Salmon, AK, and Little Rock AFB, AR.

CATEGORY: PRIME BEEF – FORCE BEDDOWN

LOCATION: A4

EVENT: Live Fire Operations

A. Number of Team Members: 5

B. Required AFS: 2 – 3E7X1 and 3 – Any

C. Familiarization Time Allowed: 5 minutes

Any time exceeding the allowed familiarization/inspection period will be added to team's competition time.

D. Competitive Time Limit: 15 minutes

E. Narrative: This event is an evaluation of procedures to include quality, safety, and timeliness in the approach, attack, control, and extinguishment of a live fire using a P-19 vehicle. This event will be conducted on relatively flat hard surface and sand. The crew of the P-19 will consist of no more than three crewmembers. Both vehicles (P-18 and P-19) will transverse the obstacle course. All fire fighting operations will be done from within the cab of the P-19 vehicle. The P-19 will be re-serviced on scene by the P-18 (water only) before crossing the finish line. The roof turret travel pin may be removed after the start of the event. All team members will arrive at event site in MOPP 2 with field gear and compete in MOPP 4. During the five minute familiarization on the P-19 and P-18 prior to the start of competitive time. Equipment may be loaded onto the vehicles. At the judge's signal, the team will don gear for MOPP 4 and present themselves for inspection. Crewmembers will then mount vehicles. Competitive time will start with the crews in the vehicles with engines running. Event time will start at the judge's signal and stop when both vehicles have crossed the finish line.

F. References: NFPA 402M, 403, 1002, 1500; T.O. 14P3-1-141; T.O. 14P4-15-1; T.O. 36A12-8-17-1; T.O. 36A12-23-19-1; AFI 32-2001, Sept 97; AFI 32-4001, Aug 97; AFI 91-207, Oct 95; International Fire Service Training Association (IFSTA) training manuals, latest edition and event narrative.

G. Materials and equipment:

1. Provided by Det. 1, 823 RHS:

- a. P-19
- b. P-18
- c. 100' 3-inch hose
- d. Two spanner wrenches
- e. Live fire facility with aircraft mock-up (JP-8)
- f. Fire extinguishing foam

2. Team's responsibility:

- a. Ground Crew Ensemble (GCE)
- b. Field gear
- c. P-19 license for driver
- d. P-18 license for driver

H. Event scoring: Event scoring is based on quality/safety penalties and completion time.

I. Quality / safety penalties:

- 1. Each member not wearing complete GCE/field gear
- 2. Each member improperly wearing GCE/field gear
- 3. Failure to extinguish the fire
- 4. Safety violations
- 5. Discharge procedures not IAW T.O.
- 6. P-19 not fully re-serviced with water
- 7. Hitting traffic cones with vehicle

J. Event judge: TSgt Fowler

TSgt Michael T. Fowler has been a member of the Fire Protection career field for 14 years. TSgt Fowler has been a member of Detachment 1, 823 RED HORSE Squadron for 2½ years. His former assignments include: March AFB, CA, Kwang-Ju AB Korea, Myrtle Beach AFB, SC, and Nellis AFB, NV. He was a participant in Operation Desert SHIELD/STORM at King Fahd International Airport.

CATEGORY: PRIME BEEF – FORCE BEDDOWN

LOCATION: A9

EVENT: Ventilation and Fire Rescue Operations (**Closed Event**)

- A. Number of Team Members: 4
- B. Required AFS: 2 – 3E7X1 and 2 – Any
- C. Familiarization Time Allowed: 10 Minutes  
Any time exceeding the allowed familiarization/inspection period will be added to team's competition time.
- D. Competitive Time Limit: 60 Minutes
- E. Narrative: This event is an evaluation of procedures to include quality, safety, and timeliness used by Fire Fighters responding to a smoke-filled building. All members will adhere to the 2in/2out guidance and policy that applies to area defined by Occupational Safety Health Administration (OSHA) as Immediately Dangerous to Life and Health (IDLH). Team members will be pre-bunkered in silver proximity suits in a pre-positioned structural vehicle when the start signal is given. Nomex gloves will not be allowed. Vertical ventilation must be accomplished. There will be an undetermined number of rescue mannequins located throughout the structure. The only acceptable rescue carry or drag will be IAW listed references. They must be removed to a pre-designated point outside the facility. As they are located, all rescue mannequins must be treated as if they are actual people. All team members must wear self-contained breathing apparatus throughout the competition. In addition, all team members must have air in their bottles at the end of the competition. The event judge will designate the only usable entrance/exit in the structure. Time will stop when all team members have crossed the Start/Stop line and the team chief notifies the judge to "stop time."
- F. References: AFI 24-301 Sept 97; AFI 32-2001, Sept 97; OSHA Standards 29 CFR 1910.134, CFR 1926; HQ AFCESA 2In/2Out Policy Letter 14 July 98; NFPA 1500, 1971, 1972, 1973, 1976, 1982, latest editions; International Fire Service Training Association (IFSTA) training manuals, Essentials 3<sup>rd</sup> 92, Breathing Apparatus 2<sup>nd</sup> 91, Safety 2<sup>nd</sup> 91, Ground Ladders 9<sup>th</sup> 95 editions; and event narrative.
  - 1. Exceptions:
    - a. AFCESA Policy Letter Attachment 1, Responses, Handlines will not be used in or outside the facility
    - b. AFCESA Policy 29CFR 1910.134.; Apparatus Driver, Safety Officer, Incident Commander, will not be used
    - c. AFCESA Policy Letter Attachment 2, Radios will not be used

G. Materials and equipment:

1. Provided by Det. 1, 823 RHS:

- a. Smokehouse
- b. Rescue mannequins
- c. Smoke generator
- d. Spare, 4500 psi, breathing air bottles 4 ea.
- e. Structural vehicle
- f. Chain saw
- g. Extension ladder
- h. Roof ladder
- i. Rope

2. Team's responsibility: (Note personal equipment is per team member)

- a. Firefighter boots
- b. Bunker pants and liner (standard issue, no modifications) by NFPA Standards
- c. Bunker coat and liner (standard issue, no modifications) by NFPA Standards
- d. Structural helmet with face shield
- e. Structural gloves
- f. Self-contained breathing apparatus
- g. PASS device (Personal Alert Safety System)
- h. Nomex hood
- i. Hearing protection

H. Event scoring: Event scoring is based on any quality/safety penalties and completion time.

I. Quality / safety penalties:

- 1. Member improperly wearing protective clothing
- 2. Member improperly wearing breathing apparatus
- 3. Member not wearing full protective clothing
- 4. Member removing breathing apparatus or running out of air inside facility
- 5. Unsafe/improper rescue drag or carry
- 6. Not showing proper respect to the casualty
- 7. Victims not removed from building
- 8. Not having air in the tank at the end of the competition
- 9. Safety violation
- 10. Entering the facility before ventilation
- 11. Ventilation outside designated area
- 12. Improper ladder procedures
- 13. Exiting the facility other than the prescribed entrance or exit
- 14. Substitution of personnel
- 15. Members not adhering to 2in/2out procedures

**NOTE: No team that leaves victims behind shall place higher than any team which removes more victims.**

J. Event judge: SSgt Wade

SSgt Jerry L. Wade, has been a member of the Fire Protection career field for 14 years. SSgt Wade has been a member of Detachment 1, 823<sup>rd</sup> RED HORSE Squadron for 2½ years. His former assignments include RAF Lakenheath, UK, F.E. Warren AFB, WY, RAF Bentwaters Wood Bridge AFB, UK, Iraklion AB, Crete, Greece, and Mountain Home AFB, ID.

CATEGORY: PRIME BEEF – FORCE BEDDOWN

LOCATION: A6

EVENT: Contingency Airfield Operations

A. Number of Team Members: 20

B. Required AFS: 1 – 3EOX1, 1 – 3EOX2, 1 – 3E3X1, 1 – 3E5X1 and 16 – Any

C. Familiarization Time Allowed: 5 Minutes

Any time exceeding the allowed familiarization/inspection period will be added to team's competition time.

D. Competitive Time Limit: 120 Minutes

E. Narrative: This event is an evaluation of procedures to include quality, safety, and timeliness in the set up of a Minimum Operating Airfield. Runway will include Minimum Airfield Operating Surface Marking System (MAOSMS), painting of the Minimum Airfield Operating Surface, Emergency Airfield Lighting System (EALS), Emergency Rapid installation of a Mobile Aircraft Arresting System (MAAS) in a soil/concrete configuration, pre-tensioning, placing the MAAS into the BATTERY position for an aircraft engagement. Team will arrive at the event location thirty minutes before start time. Prior to the event start time the team will have five minutes to inventory and inspect all vehicles, systems components and equipment. All vehicles and equipment will be staged in a designated location identified during the in-brief. The MAOSMS will be pre-packed and positioned in one 1.5 ton and one 1 ton vehicles. EALS will be positioned with two general-purpose vehicles. The paint striper will be parked along side its designated tow vehicle and the MAAS will be connected in tandem to an M-35 vehicle; transfer case will be secured in low gear. Maximum speed limit during the event will be 20 miles per hour. Towing speed for EALS is limited to 5 miles per hour and at no time will trailers be taken off paved surfaces. Team will wear seat belts while operating or riding in vehicles. Prior to the familiarization period expiring the team must reassemble in the Start/Stop box. The competitive time will start at the judge's signal. The event will consist of laying out a uni-directional Minimum Operating Strip (MOS) 4800' X 60', and identifying approach lights, taxiway entry point, MAAS location, PAPI lights, edge markers, distance to go markers, and MAAS markers in accordance with T.O. 35E2-6-1. Teams must establish MOS centerline, threshold, departure, MAAS Location, PAPI Lights, approach lights, T/W Intersection and aircraft hold line. Preparing the paint striper will include uploading 55 gallons of white and yellow simulated paint. Simulated black paint and simulated solvent will already be uploaded. Calibrating and programming the computer must be accomplished prior to painting/stripping the MOS. Painting/Striping will include the MOS centerline, threshold and departure end lines, and any intersecting taxiway lines. Any existing runway markings that do not correspond with the new MOS are required to be blacked out by the paint-stripping machine. The team will flush in between colors for one minute using the appropriate solvent. Waste paint will be flushed into a drip pan and will be deposited



into a waste drum. Other waste paint can be pumped directly into the waste drum. Glass beads will not be used. The EALS will comprise of an Uni-directional approach, threshold, Precision Approach Path Indicators (PAPI) set up at a 4-degree slope; (elevation of PAPI lights is equivalent to or equal to the elevation of the centerline of MOS) edge lights and taxiway lights up to the aircraft hold line with a minimum of 6 cable protector strips. Strobes will be set for the 36 direction. Regulator will be placed in the location identified during the pre-brief with two generators spaced at least 200' apart. The EALS will be energized from the generator that is spaced a minimum of 200' away. With lights on, the regulator must be placed at its brightest setting. MAAS hydraulic tools will not remain connected to breaker hoses after familiarization time. All required tools, equipment, and supplies for this installation will be stored in the appropriate locations on each trailer. Stanley Hydraulic Power Units with appropriate Stanley tools will be used during this event. Tape connectors will not be stowed, 7' of slack will be provided on each trailer. **Cam zeroing, synchronization and proof loading will NOT be accomplished.** MAAS location and direction of aircraft travel will be identified during team in-brief. Team will install the MAAS using the Emergency Rapid Soil/Concrete Uni-direction Configuration. Teams will use eye protection while drilling or hammering the anchoring systems. MAAS will be placed in the BATTERY position. Rewind engine will not be left running after pre-tension of the pendant. Hydraulic tools will be disconnected from breaker hoses and stored in correct locations after installation is complete. No tools or personnel equipment will be left on the runway after the event stop time. Time will stop when all vehicles are parked in the designated parking area with engines off, all team members are in the designated Start/Stop box, and the team leader notifies the judge to "stop time." Team members must remain in the Start/Stop box during the event scoring. Team members are required to wear field gear, military leatherwork gloves, hearing protection as required, eye protection as required, safety-toed boots, and helmet with liner or Kevlar helmet during the entire event. No jewelry is allowed.

#### F. References:

1. T.O. 35E2-6-1
2. T.O. 36C35-7-1
3. AFMAN 10-219 Volume 4
4. T.O. 35-3-17-1 24 March 1997
5. AFI QTP 3EOX1-26C EALS Version 1.0
6. AFH 10-222 Volume 7
7. T.O. 35E8-2-10-1 June 1986, Change 15
8. T.O. 35E8-2-10-1 August 1976, Change 12
9. AFI 32-1043 QTP 3EOX2-30 Mobile Aircraft Arresting System Version 1.0
10. AFPAM 10-219 Volume 5
11. MAAS AAVS VIDEO (PIN 608185)
12. AFH 10-222 Volume 1
13. Stanley HP1 Compact Power Unit, Safety, Operation, and Maintenance Manual # 24280 06/97 Version 2
14. Stanley BR67 Hydraulic Breaker, Safety and Operation Manual # 09278 11/96 Version 4

15. Stanley HD45 Hydraulic Hammer Drill, Safety, Operation and Maintenance Manual # 05436 11/88R, and event narrative.

G. Materials and equipment:

1. Provided by Det. 1, 823 RHS

- |  |       |
|--|-------|
| a. MAOSMS  | 1 ea. |
| b. All required vehicles                           |       |
| c. Paper and pencil                                |       |
| d. Installed Pavement Reference Marking System     |       |
| e. Non-metallic Tapes, 200'                        | 2 ea. |
| f. Soapstone                                       |       |
| g. Paint Striper AF 120 SET (minus radio head set) |       |
| h. Solvent, 55 gallons                             |       |
| i. Simulated paint, 55 gallons each color          |       |
| j. Drip Pan  |       |
| k. Waste Barrel                                    |       |
| l. EALS  | 1 set |
| m. MAAS trailers                                   | 2 ea. |
| 1. 1" Stanley Drill Bits                           | 4 ea. |
| 2. Stanley Hammer Drills                           | 4 ea. |
| 3. Stanley BR67 Hydraulic Breakers                 | 4 ea. |

2. Team's responsibility:

- |                                       |       |
|---------------------------------------|-------|
| a. 3EOX2 Tool box                     | 1 ea. |
| b. Donut spacer (if team desires)     |       |
| c. Field gear                         |       |
| d. Safety-toed boots                  |       |
| e. Military leather work gloves       |       |
| f. Hearing protection                 |       |
| g. Eye protection                     |       |
| h. Helmet with liner or Kevlar helmet |       |

H. Event scoring: Event scoring is based on any quality/safety penalties plus competition time.

I. Quality / safety penalties:

1. Deviation or omission of any T.O. procedure or narrative
2. Safety violation
3. (MAOSMS) Layout Procedures:
  - a. Threshold miss-marked and/or identified
  - b. Approach lights miss-marked and/or identified
  - c. Center line miss-marked and/or identified

- d. PAPI lights miss-marked and/or identified
  - e. MAAS Location miss-marked and/or identified
  - f. EALS Placement of Regulator and/or Generator
  - g. T/W Intersection miss-marked and/or identified
  - h. Departure miss-marked and/or identified
4. (MAOSMS) Marking Procedures:
- a. Threshold miss-marked and/or identified
  - b. Edge markers miss-marked and/or identified
  - c. Departure miss-marked and/or identified
  - d. DTG Signs miss-marked and/or identified
  - e. MAAS Signs miss-marked and/or identified
5. (MAOSMS) Taxiway Layout:
- a. Holdline miss-marked and/or identified
  - b. Cones not removed after striping
6. Paint Striper:
- a. Pointer system not installed
  - b. Improper calibration +/- 2 pulses
  - c. Computer skip line improperly set up
  - d. Improper flushing of paint
  - e. Improper uploading of paint
  - f. Improper centerline painted or no centerline
  - g. Improperly painted threshold "T" or no threshold "T"
  - h. Improperly painted departure "T" or no departure "T"
  - i. Improperly blacking out the old centerline
  - j. Improperly blacking out taxi tracks
  - k. Improperly painted taxi tracks
7. EALS
- a. Failure to place edge lights correct distance
  - b. Failure to place threshold/end lights correct distance and/or facing correct direction
  - c. Failure to place approach lights correct distance
  - d. Failure to place PAPI lights correct distance
  - e. Failure to place PAPI glide slope correctly
  - f. Failure to place generator at correct location
  - g. Failure to ground Reg/Gen correctly
  - h. Failure to set 2<sup>nd</sup> Gen. to proper voltage
  - i. Failure to Light Distance to go marker
  - j. Failure to set strobe selector switch to correspond to proper runway end

- k. All personnel must be clear of lighting components and cabling prior to and during operation of the EALS
- l. Use of 45W transformers with threshold/end lights may cause damage to the equipment

#### 8. MAAS

- a. MAAS anchors configured in wrong engaging direction
- b. Trailers not anchored/installed in accordance with T.O. procedures
- c. Tools and equipment left on runway
- d. Pendant cable not connected to tape connector
- e. System not pretensioned
- f. Improper use of tools and equipment
- g. Rewind engine RPM exceeding 2500 rpm at any time
- h. Tape connector bolt positioned less than 6' from deck sheave
- i. Tape connector pulled into deck sheave
- j. Bouncing rewind clutch during pretensioning (engage/release/engage)
- k. Pendant support discs not spaced 8-10' apart on centers
- l. Support disc on centerline
- m. Hydraulic fluid not at proper level in accumulator sight glass according to T.O. procedures
- n. Engaging/disengaging PTO with rewind engine above idle speed
- o. Fluid level less than 1" from the top of the hydraulic fluid reservoir sight glass
- p. Tools left connected to breaker hose before and after
- q. Rewind engine left running after pretensioning

#### J. Event head judge: MSgt Bishop

MSgt Charles H. Bishop, Jr. is an 18-year Air Force veteran specializing in Electrical Systems. He has been the Superintendent of the Electrical Section Contingency Training at Detachment 1, 823<sup>rd</sup> RED HORSE Squadron, Silver Flag Exercise Site for 3 ½ years. Past assignments include, Master Instructor 366<sup>th</sup> Sheppard AFB, TX, Rhein-Main AB, GE, Offutt AFB, NE, and Robins AFB, GA. He was an assistant judge for Readiness Challenge VI Fog-of-War Event.

#### K. Event assistant judges:

TSgt Scott B. Carter is a 14-year Air Force veteran Structural Technician. He has been a contingency training instructor at Silver Flag Exercise Site for 5 years. Past assignments include San Antonio Real Property Maintenance Agency (SARPMA), Randolph AFB, TX, Osan AB, Korea, Truk Island, Micronesia, and Tyndall AFB, FL. He served as head judge and assistant judge for several events during Readiness Challenge VI.

TSgt Jamie L. Woody has been an Electrical Power Production Instructor at Silver Flag Exercise Site, since Oct 98. Prior assignments include Tyndall AFB, FL, Camp Humphreys AIN, ROK, Gentile Station, OH, Lindsey AS, Wiesbaden GE, Griffiss AFB, NY. Deployments include Desert SHIELD, Desert STORM, and Jupiter Falcon.

SSgt Robert Lewallen has been an Electrical Power Production Contingency Training Instructor at Silver Flag Exercise Site, since Nov 99. Prior assignments include RAF Lakenheath, UK and Spangdahlem AB, GE. During his nine year AF tenure, he has deployed in support of several military operations to Dhahran AB, Kingdom of Saudi Arabia (twice) and Aviano AB, Italy.

SSgt Connie M. McCurdy has been an Engineering Contingency Training Instructor at Silver Flag Exercise Site, since May 98. She was assigned at Holloman AFB, NM prior to Tyndall AFB, FL. SSgt McCurdy was deployed to Central America in support of Joint Task Force Pelican, NEW HORIZONS 97. This is her first Readiness Challenge.

SSgt Sean Pederson has been an Engineering Contingency Training Instructor at Silver Flag Exercise Site, since Dec 99. Prior assignments include Pope AFB, NC, Kunsan AB, ROK, and McGuire AFB, NJ. Deployment history includes supporting Desert Shield/Storm/Calm at Sharja AB, Al Kharj AB, and Ali Al Salem AB, Kuwait and Entebbe, Uganda in support of Joint Task Force Support Hope.

SSgt Darold F. Schnell has been an Electrical Contingency Training Instructor at Silver Flag Exercise Site, since Jan 97. A 13-year veteran whose prior assignments include Luke AFB, AZ, Comiso AB, Italy, and then back to Luke AFB, AZ. This is SSgt Schnell's second Readiness Challenge.

SrA James J. Delo, Jr. has been a Structural Contingency Instructor at Detachment 1, 823 RED HORSE Squadron for six months. He has been deployed in support of Operation Southern Watch and Operation Uphold Democracy/Exercise New Horizons. This is his first Readiness Challenge.

CATEGORY: PRIME BEEF – FORCE BEDDOWN

LOCATION: A2

EVENT: Canadian CF-188 Aircraft Decoy

A. Number of Team Members: Maximum of 6

B. Required AFS: Any

C. Familiarization Time Allowed: 10 Minutes

Any time exceeding the allowed familiarization/inspection period will be added to team's competition time.

D. Competitive Time Limit: 75 Minutes

E. Narrative: This event is an evaluation of each team's ability to properly assemble the CF-188 Aircraft Decoy in a safe and timely manner. Prior to the competitive time, teams will be given a 10-minute familiarization period to ensure completeness of parts, accessories, and tools at the event location. On the judge's signal, each team will begin assembling all parts and components of the aircraft decoy. Teams will ensure all components of the decoy are placed and affixed securely and in the prescribed manner. Upon event completion, the decoy wheels will be properly positioned inside the painted squares on the parking surface with all wheel brakes applied. The steps outlined in the CF-188 Instruction Manual do not need to be followed in order; however, the end result must be the same with all parts correctly placed and fastened. All team members will wear leather work gloves, helmet with liner or Kevlar helmet, and safety-toed boots through out the entire event. The competitive area must be cleared of all tools and loose parts prior to the event's completion. Time will stop when all team members cross the Start/Stop line and team chief notifies the judge to "stop time."

F. References: Barracuda Technologies CF-188 Instruction Manual and event narrative.

G. Materials and equipment:

1. Provided by Det. 1, 823 RHS:

- a. Complete CF-188 Aircraft Decoy
- b. Barracuda Technologies CF-188 Instruction Manual
- c. Tools required for assembly
- d. 6' Stepladder 2 ea.

2. Team's responsibility:

- a. Safety-toed boots
- b. Helmet with liner or Kevlar helmet
- c. Leather work gloves

H. Event scoring: Event scoring is based on quality/safety penalties and completion time.

I. Quality / safety penalties:

1. Safety violation
2. Damaged component
3. Improperly assembled part
4. Securing pins not used
5. Decoy not positioned correctly
6. Brakes not applied
7. Unused parts left out

J. Event head judges: MWO Muldoon and TSgt Kallas

Master Warrant Officer Terrance P. Muldoon has been a Fire Fighter for 29 years with the Canadian Forces. He is assigned as the Aircraft Rescue and Fire Fighting Flight Commander at 4 Airfield Engineering Squadron in Cold Lake, Alberta. MWO Muldoon's previous assignments include 8 Wing, Trenton, 14 Wing, Greenwood, 19 Wing, Comox, 15 Wing, Moose Jaw, CFS Alert, CFS Mossie, CFS Portage La Prairie, CFB Toronto, and 7 Naval Ships filling position from Crewman to Fire Chief. He also has specialty training in HazMat Spill Control, Fire Investigation, Nuclear Biological Chemical Defense, and is an Advanced Critical Incident Stress Debriefing and Peer Counselor.

TSgt Mark D. Kallas has been in the USAF for 13 years. He has been assigned to the Detachment 1, 823 RED HORSE Squadron, Silver Flag Exercise Site as an Operations/Command and Control Contingency Instructor for 3 years. His former assignments include: Sheppard AFB, TX, Soesterberg AB, Netherlands, Bentwaters, UK, Homestead AFB, FL. He participated in Readiness Challenge III as a competitor and as an assistant judge for several events during Readiness Challenge VI.

CATEGORY: PRIME BEEF – BASE RECOVERY

LOCATION: A3

EVENT: Team Obstacle Course

A. Number of Team Members: 25

B. Required AFS: 1 – 52RX, 1 – 5R0X1, and 23 – Any

C. Familiarization Time Allowed: None

Any time exceeding the allowed familiarization/inspection period will be added to team's competition time.

D. Competitive Time Limit: 60 Minutes

E. Narrative: This event is an evaluation of each team's physical fitness and teamwork while employing quality, safety, and timeliness in completing an obstacle course. The course is approximately 3600' long with 16 different obstacles. Each team member will be required to successfully complete the entire course while wearing field gear. If a team member is unable to complete any obstacle on the course, individuals can receive assistance from other team members. If a team member becomes injured during the event and is unable to complete the course, a penalty will be assessed to the overall event time. For identification team members will mark their assigned numbers, with tape and magic marker, on both sides of their helmets.

F. References: Event narrative

G. Materials and equipment:

1. Provided by Det. 1, 823 RHS:

- a. Obstacle Course
- b. Marker and Tape

2. Team's responsibility:

- a. Safety-toed boots
- b. Field gear
- c. Leather work gloves

H. Event scoring: Event scoring will be based on quality/safety penalties and completion time.



I. Quality / safety penalties:

1. Each member not successfully completing an obstacle
2. Each member going outside of pre-designated course boundary
3. Each member failing to finish with required personal gear
4. Each member not finishing the entire obstacle course

J. Event judge: SSgt Carroll

SSgt Thomas P. Carroll has been in Explosive Ordnance Disposal (EOD) career field for ten years, and has been in the United States Air Force for 14 years. SSgt Carroll has been a member of Detachment 1, 823<sup>rd</sup> RED HORSE Squadron, since October 1997. His former assignments include Hurlburt Field FL, Misawa AFB, Japan, Nellis AFB, NV, and Wurtsmith AFB, MI. SSgt Carroll was also a competitor in Readiness Challenge VI.

CATEGORY: PRIME BEEF – BASE RECOVERY

LOCATION: A1

EVENT: Stand-Off Munitions Disruption (SMUD)

A. Number of Team Members: 4

B. Required AFS: 2 – 3E8X1 and 2 – Any (to serve as spotters)

C. Familiarization Time Allowed: 5 Minutes

Any time exceeding the allowed familiarization/inspection period will be added to team's competition time.

D. Competitive Time Limit: 5 Minutes

E. Narrative: This event will evaluate procedures to include weapons safety, marksmanship, and timeliness in clearing simulated air dropped unexploded ordnance (UXO) from no more than 100 meters. The four team members in this event will break down into two firing teams. Each firing team will consist of one shooter and one spotter. Each firing team will fire from a tripod located behind a sandbagged firing position. The event is broken down into three blocks; preparation time, weapons sighting, and firing for score. Each firing team will receive a total of 30 rounds. During preparation block, teams will have five minutes to assemble both M-82A1 Barrett rifles, setup spotting scopes, and make any other preparations to fire. Ammunition will be loaded immediately after preparation time. During weapons sighting block, teams will have ten minutes to sight in the weapons, using 10 rounds, per firing team, (five rounds per magazine). Time begins when the range safety NCO gives the command "Begin Fire", upon which shooters will load a magazine into their weapon, chamber a round, switch selector to fire, and commence firing. After firing the first magazine, make sight adjustments, if necessary, fire the second clip, and then make final adjustments. In the firing for score block, each shooter must fire 20 rounds, for score, at actual size UXO (bomb and bomblet) targets with scoring rings within a five-minute time limit. The shooter will be responsible for all malfunctions. If the malfunction is determined to be caused by improper operation, those rounds are lost. If it is determined to be mechanical in nature, the weapon will be repaired or replaced, and the firing team will be awarded 30 seconds per unfired round to finish firing. Upon completion of firing, the shooter is responsible for clearing the weapon. All weapons will be cleaned and/or repaired by the team as required.

F. References: T.O. 60A-2-1-39, T.O. 60A-2-1-73-3, the M-82A1 Barrett Rifle Owners Manual, and event narrative.

G. Materials and equipment:

1. Provided by Det. 1, 823 RHS:

a. M-82A1 Barrett Rifle

2 ea.

- |                       |           |
|-----------------------|-----------|
| b. Ammunition         | 60 rounds |
| c. Magazines          | 8 ea.     |
| d. Spotting scopes    | 2 ea.     |
| e. Tripods            | 2 ea.     |
| f. Firing range       |           |
| g. Targets            |           |
| h. Hearing protection |           |
| i. Eye protection     |           |

2. Team's responsibility:

- a. Personal hearing protection (team's option)
- b. Shooting glasses (team's option)

H. Event scoring: Event scoring is based on a points system minus quality/safety penalties.

I. Quality / safety penalties:

1. Not assembling weapon within allotted time
2. Improper assembly of weapon
3. Not clearing weapon
4. **Individuals unable to produce a valid AF Form 522 and/or individuals violating any range safety rule will be disqualified and immediately removed from the range; the team shall receive no points for that individual, and the team's overall score for this event shall be lowered accordingly.**

J. Event judge: SSgt Davis

SSgt Gerald L. Davis has been in the Explosive Ordnance Disposal (EOD) career field for 10 years. SSgt Davis has been an EOD Contingency Instructor at Detachment 1, 823 RED HORSE Squadron since June 1999. His former assignments include Clark AB, Republic of the Philippines and Hill AFB, UT. He was a member of the AFMC winning team for Readiness Challenge IV.

CATEGORY: PRIME BEEF – BASE RECOVERY / PRIME RIBS / CHAPLAIN SERVICE

LOCATION: A12

EVENT: Chemical Munitions Response, Remains Processing, & Crisis Intervention (**Closed Event**)

A. Number of Team Members: 10

B. Required AFS: 2 – 3E8X1, 2 – 3E9X1, 2 – 3M0X1, 1 – 52RX, 1 – 5R0X1 and  
2 – Any

C. Familiarization Time Allowed: 10 Minutes

Any time exceeding the allowed familiarization/inspection period will be added to team's competition time.

D. Competitive Time Limit: 60 Minutes for Civil Engineers and Services  
30 Minutes for Chaplain Service Personnel

E. NARRATIVES: Identify your individual team chiefs for Civil Engineer (EOD and Readiness), Services, and Chaplain Service. Team will be staged at the Entry Control Point (ECP) Start/Stop box awaiting permission to respond to the situation. Team will be given a 10 minute equipment inventory and familiarization time. Event time will start when the Reconstitution team finishes it's briefing on the situation and the event judge sounds the horn.

1. Civil Engineer (CE) Narrative: Event is an evaluation of the team's ability to establish a Contamination Control Area (CCA), and to identify, safe (if required), leak seal, and package a chemical munition(s). Team will report to the Start/Stop box in MOPP 2 configuration, with no MOPP variations allowed, and await a situation brief. After the start horn is sounded the initial entry team will don protective gear to MOPP 4. The team is tasked to identify, safe (if required), leak seal, and package any chemical munitions. Detect any chemical contamination after packaging, establish a CCA as per AFMAN 32-4005 and ensure all team members are free of chemical contamination upon completion of the operation utilizing the Chemical Agent Monitor (CAM). All chemical detection equipment must be started and shut down according to established procedures. Event time will end when all CE team members have returned to the Start/Stop box and the CE team chief has notified the judge to "stop time" or when competitive time has expired and the horn has sounded.

2. Services Narrative: This event will be an evaluation of the procedures to include quality, safety, and timeliness of remains processing. Team members will follow Services Wartime Mortuary Operating Procedures Memorandum, dated 28 May 97. Team will establish a Mortuary Collection Point (MCP). Only section II (MCP) **steps A-P** will be used. Note: No aircraft will be departing within two hours. Safety-toed boots, surgical gloves, apron, mask and eye protection will be worn during remains handling and processing. Team members who wear glasses need not wear additional

eye protection. Information on forms will be graded on accuracy, neatness, and completeness. All necessary information will be provided by Det. 1, 823 RHS. All finger printing and foot printing procedures will be accomplished on Det. 1, 823 RHS members. Each digit on the hand will be considered one print for a total of ten prints for each member. Each footprint will be considered one print, for a total of two-foot prints for each member. Each finger and foot printed will be wiped with an alcohol wipe prior to and after printing. After completing steps A-P team members will place remains inside prepositioned vehicle and complete DD Form 1075. Time will stop when the last Services team member enters the Start/Stop box and the Services team chief has notified the judge to “stop time” or when competitive time has expired and the horn has sounded.

3. Chaplain Service Narrative: This event is an evaluation of Chaplain Service personnel’s ability to provide pastoral care and pastoral care support actions in a chemical terrorism scenario. The Chaplain and Chaplain Service Support Personnel (CSSP) will be tasked to respond to a variety of spiritual and emotional needs present in two victims exhibiting emotional trauma. Time will stop when the Chaplain’s judge notifies the Chaplain team chief that the Chaplain Service mission is complete or the horn has sounded. Upon notification, the Chaplain and CSSP will immediately return to the Start/Stop box.

F. References: **Civil Engineers:** Event narrative, T.O. 14P3-1-141, 14P4-15-1, 11H2-20-1, 11H2-21-1, 11H2-2-21, 60A-1-1-11, 60A-1-1-22, AFH 32-4014, Vol. 4, AFMAN 32-4005; **Chaplain Service:** USAF Chaplain Service Deployment Guide, 1995 edition; AFM 52-103, 2.10; AFH 52-103, 1.4; Chief of the Chaplain Service Position Paper On Roles and Responsibilities of Chaplain Service Support, 15 October 1998; Air Combat Command Supplement to AFI 90-201, para 4.9.3 found at [www.mil.acc.af.mil](http://www.mil.acc.af.mil) select ACC forms & publications - ACC Publications - 90 series AFI 90-201 ACC1 - go to p.200; The PEP Planning & Assessment Tool found at <http://www.usafhc.af.mil> - select CSI Resources - Spiritual Care - Pastoral Care - Trauma Ministry - Critical Incident Stress Management - Assessment Issues (2) pgs & PEP Planning; and event narrative; **Services:** AFOSH Standards 91-46, Chapter 1, paragraph 1.2.2-1.2.4.6; Memorandum dated 28 May 97, Services Wartime Mortuary Operations

G. Materials and equipment:

1. Provided by Det. 1, 823RHS:

- a. Civil Engineer:

- (1) EOD Hand tool kit
- (2) Leak, seal, and package materials
- (3) Closed Metal Containers (CMC)
- (4) Chemical Agent Monitor Simulator (CAMSIM) 2 ea.

(5) Contamination Control Area (CCA) Equipment:

(a) CCA Signs:

- (i) Drop Off Point
- (ii) Holding Area
- (iii) Equipment Doffing
- (iv) Boot Wash
- (v) Hood Wash/Roll
- (vi) Boot Removal
- (vii) Trouser Removal
- (viii) Coat Removal
- (ix) Glove Removal
- (x) Mask Removal

(b) Folding tables

(c) Benches

(d) Trash cans w/liners

(e) Glove and boot decon boxes

(f) Decon brushes

(g) Decontaminate (simulated household bleach)

(6) M295 Decontamination Kits

(7) M-8 Chemical Detection Paper

(8) M-9 Chemical Agent Detector

(9) M-256A1 Chemical Detectors

b. Services:

(1) Processing tables

(2) Field desk:

(a) Pencils and pens

(b) Mortuary forms book

(c) Clipboards

(d) Aprons

(e) Surgical masks

(f) Eye protection

(g) Finger/footprint kits with alcohol cleaning pads

(h) Surgical gloves

(i) Shipping tags

(j) Ziplock bags

(k) Plastic bags

(l) Approved fastener

(l) Masking tape

(3) Human remains pouches

- (4) Litter transport w/o safety straps
- (5) Det. 1, RED HORSE personnel for finger/footprinting
- (6) Rescue mannequins with personal effects
- (7) Transfer cases
- (8) 150 cubic foot freezer with ice
- (9) Vehicle

- c. Chaplain Service: DD Form 1380, U.S. Field Medical Cards (they will be in play in the CCP from the start of the scenario)

## 2. Team's responsibility:

### a. Civil Engineer:

- (1) Ground Crew Ensemble (GCE)
- (2) Gas Mask
- (3) Field Gear
- (4) Flak vest (EOD)
- (5) Demolition belt; must consist of Lineman's pouch, knife, crimper's, and a suitable web belt or belt. (EOD)
- (6) Leatherman or multi-tool
- (7) Safety-toed boots
- (8) Leather work gloves

### b. Services:

- (1) Safety-toed boots
- (2) Leather work gloves

### c. Chaplain Service:

- (1) Field gear
- (2) Lightweight Chaplain Combat Kit

H. Event scoring: Event scoring for Civil Engineers and Services is based on any quality/safety penalties and completion time. Chaplain Service personnel will be scored on points for individual and team performance of appropriate crisis assessment and intervention, pastoral care and pastoral care support actions as well as quality/safety penalties.

## I. Quality / safety penalties:

### 1. Civil Engineer:

- a. Did not utilize personal protective gear
- b. Each member improperly wearing GCE
- c. Unauthorized equipment or tools

- d. Improper leak, seal, and package procedures
- e. Failure to confirm or deny the presence of chemical agents
- f. Improper operation and use of chemical detection equipment
- g. Not establishing a CCA
- h. Safety violation

2. Chaplain Service:

- a. Missing required equipment and supplies
- b. Safety violations
- c. Failure to operate within established Chaplain Service roles and responsibilities

3. Services:

- a. Each incorrect/incomplete procedure
- b. Each safety violation
- c. Use of other tools or equipment other than those provided
- d. Each piece of protective gear not worn by members
- e. Each violation of incorrect information on forms
- f. Each violation of incorrect information on tags
- g. Each violation of incorrect forms inside pouch
- h. Each neatness of forms and legible information violation
- i. Each violation of not processing remains

J. Bonus points: Successfully packaging explosive / mechanical devices

K. Event head judge: TSgt Williams

TSgt Robert Williams, Jr. has been in the Explosive Ordnance Disposal (EOD) career field for 18 years. TSgt Williams has been a member of Detachment 1, 823 RED HORSE Squadron since June 96. His former assignments include two tours at Incirlik AB, Turkey, Kirtland AFB, NM, and Seymour Johnson AFB, NC. He participated in Readiness Challenge V as a competitor and Readiness Challenge VI as an event head judge.

L. Event assistant judges:

Chaplain, Major Charles M. Bolin, a 17-year veteran with the Air Force Reserves, is attached to HQ ACC Office of the Command Chaplain. He serves as the Chaplain Service Silver Flag Alpha Operations Officer at the Desert Warfare Training Center in Nevada. He is the Staff Chaplain for the Riviera Hotel and Casino on the Las Vegas Strip. He is active with the Critical Incident Stress Management (CISM) programs at Nellis AFB, NV and the Southern Nevada area and was instrumental in establishing both programs. He is an approved trainer in CISM with the International Critical Incident Stress Foundation.

MSgt Betty Cornell is a Reservist in the IMA Program attached to the 9018<sup>th</sup> Air Reserve Personnel Center, Denver, CO and assigned to the Chaplain Service Institute, Maxwell AFB,



AL. Previous assignments include Carswell AFB, TX, Gunter AS, AL, and Anderson AFB, Guam.

SSgt Michael D. Waterman has been in the Readiness career field for over seven years and has been assigned to Detachment 1, 823 RED HORSE Squadron for nine months. His former assignments Bitburg AFB, GE, Wurtsmith AFB MI, Kunsan AB, ROK, and Davis-Monthan AFB, AZ (twice). He has been deployed to Batman and Silopi Turkey, Sirsenk Iraq, Bahrain, and Prince Sultan Air Base.

SrA John T. Austin is a four-year veteran in the Services career field and has been assigned to Detachment 1, 823 RED HORSE Squadron for nine months. Prior to this assignment, he was the Honor Guard/Mortuary Airman In-Charge and also worked in the Dining Facility at Minot AFB, ND. He was deployed to Prince Sultan Air Base in Saudi Arabia.

CATEGORY: PRIME BEEF – BASE RECOVERY / CHAPLAIN SERVICE

LOCATION: A1

EVENT: M-16 Combat Rifle Marksmanship

A. Number of Team Members: 5

B. Required AFS: 1 – 5R0X1 and 4 – Any

C. Familiarization Time Allowed: 25 Minutes

Any time exceeding the allowed familiarization/inspection period will be added to team's competition time.

D. Competitive Time Limit: Four 60-second periods

E. Narrative: This event is an evaluation of each team's marksmanship ability in a simulated combat environment. Each competing team will select their shooters prior to arrival at the competition area. Upon arrival at the firing range, shooters will receive a range safety and course-of-fire briefing. All shooters must produce a current AF Form 522, USAF Firearms Qualification card to the judging staff during event check-in. The team will be given a 15 minute familiarization time to function check and if desired, field clean their weapons. Team members will then be issued 50 rounds of ammunition, and will load 6 magazines. Two magazines will be loaded with 5 rounds each; the remaining 4 will be loaded with 10 rounds each. Sight-in will be accomplished in the prone-supported position using two 5-round magazines. Sight adjustments may be made after each 5-round magazine is fired. Total sight-in period is limited to 10 minutes. Once sight-in is complete, team will clear and ground their weapons and stand behind the yellow ready line. Competitors will be firing from four firing positions: prone-supported, kneeling strong-side barricade, over barricade, and standing-unsupported. Ten rounds will be fired in 60 seconds from each firing position. Competitors will be firing at a standard man-sized target from 100 meters. When all members are ready, the team will move forward and assume the proper position, safely handle the weapon, and insert one 10 round magazine into weapon. On the order to fire, team members will charge their weapons, select semi-automatic and be given 60 seconds to fire 10 rounds on target. If a team member experiences a malfunction during the firing time; cease fire, remain in position with the weapon pointed safely down range, and try to clear malfunction. If malfunction is cleared successfully, continue firing. If unable to clear malfunction, stay in position and raise hand; range safety official will provide assistance. If the malfunction is declared an equipment malfunction, the team member will be given six seconds per round to complete the round of fire. Once the 60-second time period has expired, range official will instruct members to remove magazines and clear and ground their weapons with the bolt locked to the rear. Once weapons are cleared team members will withdrawal to a position behind the yellow ready line. The judging staff will collect any unfired rounds.

**NOTE:** Teams will be required to clean their individual weapons immediately after the event.

F. References: T.O. 11W3-5-5-42S-1 and event narrative.

G. Materials and equipment:

1. Provided by Det. 1, 823 RHS:

- a. M-16 Rifles
- b. 5.56mm ammunition
- c. Hearing protection
- d. Targets
- e. Gun cleaning materials
- f. Brass deflectors
- g. Magazines
- h. Shooting pad
- i. Barricades

2. Team's responsibility:

- a. Personal hearing protection (not required)
- b. Shooting glasses (not required)
- c. AF Form 522 and DD Form 2AF

H. Event scoring: Event scoring is based on point values. Man-sized targets will be pre-marked with an 8-inch diameter circle centered on the chest of the target and a two-inch circle centered inside the 8-inch circle. Shots anywhere on the target are worth 1 point. Shots within the 8-inch circle are worth 3 points. Shots within the 2-inch circle are worth 5 points. If a shot breaks a line, the higher point value will be awarded.

I. Quality / safety penalties: **Individuals unable to produce a valid AF Form 522 and/or individuals violating any range safety rule will be disqualified and immediately removed from the range; the team shall receive no score for that individual, and the team's overall score for this event shall be lowered accordingly.**

J. Event judge: TSgt Powers

TSgt Ernest F. Powers, Jr. has been a Pavements Equipment Operator for the last 13 years of his 19-year Air Force career. He has been assigned to Detachment 1, 823<sup>rd</sup> RED HORSE Squadron since June 1996. Previous assignment was at the Regional Equipment Operators Training Site (REOTS) at Dobbins Air Reserve Base, GA. Before cross training as a Pavements/Equipment Operator, he served in Security Forces at Malmstrom AFB, MT, Air Forces Iceland, and Blytheville AFB, AR. TSgt Powers served as an assistant judge for the heavy equipment event during Readiness Challenge VI.

CATEGORY: PRIME BEEF – BASE RECOVERY

LOCATION: A10

EVENT: United Kingdom Field Harrier Hide

A. Number of Team Members: 20

B. Required AFS: 1 – 32E3X and 19 – Any

C. Familiarization Time Allowed: 60 Minutes

Any time exceeding the allowed familiarization/inspection period will be added to team's competition time.

D. Competitive Time Limit: 60 Minutes

E. Narrative: This event is an evaluation of each team's ability to construct a Field Harrier Hide quickly, and safely, in the time permitted to allow an aircraft to be concealed from enemy forces. The existing hardened shelter has been hit by enemy artillery. The aircraft has to move to a dispersed site; therefore the Hide must be constructed. At the judge's signal, the team will begin construction of the Hide. Once the Hide is constructed, the team will return to the Start/Stop box and the team chief will notify the event judge to "stop time." During the event, teams must wear helmet with liner or Kevlar helmet and safety-toed boots at all times. For safety, leather work gloves and safety glasses must be worn when driving stakes.

F. References: Military Engineering Volume XIX RE Support for Air Operations and event narrative.

G. Materials and equipment:

1. Provided by Det. 1, 823 RHS:

- |                          |        |
|--------------------------|--------|
| a. Harrier Hide Woodland |        |
| b. Sledge hammer 7 lb.   | 6 ea.  |
| c. Measuring tapes       | 3 ea.  |
| d. Safety glasses        | 20 ea. |

2. Team's responsibility:

- a. Safety-toed boots
- b. Leather work gloves
- c. Helmet with liner or Kevlar helmet

H. Event scoring: Event scoring is based on quality/safety penalties and completion time.

I. Quality / safety penalties:

1. The hide must be square and erected correctly
2. The hide must be the correct dimension when completed
3. The hide must be constructed within 60 minutes

J. Event judges: Major Smith and SSgt Kowaleski

Major Alf Smith has completed 35 years of service with the Corp of Royal Engineers. He enlisted as a serviceman and trained as a heavy equipment operator. Following successful completion of a long technical course he was appointed as a Military Plant Foreman, specializing in the design, planning and execution of horizontal engineer works. He was commissioned in 1988 and has served in many parts of the world on a wide variety of deployments. His current appointment is Officer Commanding a Specialist Training Team within Headquarters 12 (Air Sp) Engineer Brigade, based at Waterbeach Cambridge in the UK.

SSgt Kurt D. Kowaleski is a nine-year Air Force Utility System Specialist veteran. He is currently assigned to Detachment 1 823 RED HORSE Squadron. He has been on Tyndall AFB, FL for the past three years. He served as the assistant head judge for the M-16 event during Readiness Challenge VI. Previous assignments include Homestead AFB, FL and Wright Patterson AFB, OH.

CATEGORY: PRIME RIBS

LOCATION: A11

EVENT: M-2A Burner Unit with Safety Device Operations

A. Number of Team Members: 2

B. Required AFS: 2 – 3M0X1

C. Familiarization Time Allowed: 90 Minutes

Any time exceeding the allowed familiarization/inspection period will be added to team's competition time.

D. Competitive Time Limit: 60 Minutes

E. Narrative: This is an evaluation of procedures to include safety, quality, and timeliness in operation of the M-2A Burner with Safety Device. Prior to the scheduled event time, teams will be given the opportunity to check the M-2A burner unit for serviceability. A team representative will certify the M-2A burner unit's operability. The M-2A unit is brand new and has been safety checked to 60 psi. This event will comprise of disassembly, reassembly, safety checks, and lighting of the M-2A burner unit. At the judge's signal, the two-team members will disassemble the entire unit. Remaining on the frame will be the flame control knob and the fuel filler cap and the four retaining springs. Remaining on the fuel tank will be the pressure gauge, safety device, and the air input valve. The flame control knob holder will be left attached to the air shutter assembly. All other parts will be removed from the fuel tank and the frame. After disassembly is complete team chief will tell the judge to "stop time". After disassembly is scored, the judge will signal the members to begin reassembly. The two spare generators will not have to be reinstalled, but the four generator bracket screws will be secured during reassembly. This is to prevent damage to the brackets and prevent the loss of parts. When reassembly is complete the team chief will notify the judge that reassemble is complete, by stating "stop time." After reassembly is scored, the team will take the unit to the predetermined fueling area and perform the safety checks on the unit, using a water/soap solution. Pressure will be slowly released through the fuel filler cap with the burner in the vertical position. When the team chief notifies the judge to "start time" the team will fuel the burner. At this time, the team must have one of the two competitors solely manning (physically hold in hand) the fire extinguisher. The fuel drip pan must be used. When the fuel cap is replaced, the unit will be wiped free of spilled fuel. The unit will then be pressurized again and checked for leaks, if any problems are found all corrections will be made on the spot. The unit will then be taken to the lighting area to be lit on the ground. The pre-heater will then be lit, with a gloved hand. Once the pre-heater has been lit, the team chief will "stop time." Once the generator is hot to the touch or a minimal of 10 minutes has passed, the team chief will state "start time" and light the unit IAW the T.M. During the entire fueling and lighting portion, the second team member will only man (physically hold in hands) the fire extinguisher and, if necessary, operate a fire extinguisher. (**NOTE**: Upon the session of fire extinguisher use (if

required), continue to complete this event.) All effort should be made to light the unit and make the unit operational. After the unit has been lit, and the flame lowered to the height of the main generator, the team chief will state “stop time” and end the event.

F. Reference: T.M. 10-7360-204-13&P, Dated 8 Jul 83, Changes 1-10; and event narrative.

G. Materials and equipment:

1. Provided by Det. 1, 823 RHS:

- a. M-2A burner unit with safety valve, and replacement generators
- b. Tool bag with crescent wrench, screwdrivers (Phillips and standard heads), pliers, slot cleaner, special wrench, wire brush, cloth rags, and matches. No other tools or equipment may be used.
- c. Anti-seize compound
- d. Permatex
- e. Hand air pump
- f. Spray bottle with water/soap solution
- g. Fuel drip pan
- h. Fuel and fuel can with spout
- i. Fire extinguisher
- j. Bakers sheet pan
- k. Work table
- l. Funnel

2. Team’s responsibilities:

- a. Safety-toed boots
- b. Leather work gloves
- c. Certification of operability of the M-2A burner prior to the event start

H. Event scoring: Event scoring is based on safety/quality penalties and completion time.

I. Safety / quality penalties:

1. Each part not disassembled
2. Each part not reassembled
3. Each T.M. note, warning, or caution not followed
4. Safety violation
5. Team member not manning fire extinguisher during event specified
6. Each procedure not followed for fueling, pressurizing, preheating, and lighting

J. Event judge: SSgt Evans

SSgt John Evans is an eight-year Air Force veteran. He has been assigned to Detachment 1, 823 RED HORSE Squadron for 4½ years as a Prime RIBS Contingency Instructor. During his assignment, he has been the Field Exchange Manager and Section Safety Monitor. Prior to being assigned to RED HORSE, he was assigned to Defense Commissary Agency, Tyndall AFB, FL. SSgt Evans served as assistant judge on several events during Readiness Challenge VI.



CATEGORY: PRIME RIBS

LOCATION: A13

EVENT: Immersion Heater Operation

A. Number of Team Members: 2

B. Required AFS: 2 - 3M0X1

C. Familiarization Time Allowed: 5 minutes

Any time exceeding the allowed familiarization/inspection period will be added to team's competition time.

D. Competitive Time Limit: 30 minutes

E. Narrative: This event is an evaluation of procedures to include quality, safety, and timeliness in operating the immersion heater. The team is allowed familiarization time prior to the event to inspect equipment. After familiarization time has expired, all equipment must be put back in its original configuration. The team leader will certify the equipment is serviceable. On the judge's signal, the team will be required to set up one complete immersion heater with the appropriate water level (within 3" from the top of 32 gallon galvanized can), install smoke stacks, and light it. The fuel vent cap or plug must be opened to the full open position. Allow the unit to preheat for at least one minute. If for any reason there is an excessive amount of raw fuel in the burner compartment, the team members will be required to disassemble the unit and take it to the fueling area to drain the excess fuel from the unit. They will then restart the lighting procedures. The clock will continue to run. Once the fuel flow is adjusted just below smoke point (drops of fuel resemble a string of beads) and the burner hood is closed, the team members will return to the Start/Stop box and notify the judge to "stop time." **Additional requirements:** Follow proper lifting and carrying procedures IAW AFOSH Standard 91-46, paragraphs 1.2.2 and 1.2.4, 1 February 1997. Each member must wear leatherwork gloves and safety toed boots at all times during event. Exception: you do not have to wear work gloves while putting screws in stacks and getting matches out of box. The fuel tank will be taken to the pre-designated fueling area and completely filled to the fuel tank opening. NOTE: Maintain metal to metal contact. If the tank is overfilled, all excess fuel will be wiped off the tank after the filler plug is replaced. During the entire fueling and lighting portion, the second team member will only man (physically hold in hands) the fire extinguisher and, if necessary, operate a fire extinguisher. The other team member will be responsible for filling the fuel tank and lighting the immersion heater.

F. References: T.M. 9-4540-202-12&P, 12 Nov 96; AFOSH Standard 91-31, paragraph 3.6, 1 Oct 97; AFOSH Standard 91-31, paragraph 3.7, 1 Oct 97; AFOSH Standard 91-46, paragraph 1.2.2, 1 Feb 97; AFOSH Standard 91-46, paragraph 1.2.4, 1 Feb 97; and event narrative.

G. Materials and equipment:

1. Provided by Det. 1, 823 RHS:

- a. Immersion heater parts
  - (1) Heater body 1 ea.
  - (2) Smoke Stacks 5 ea.
  - (3) Fuel tank 1 ea.
  - (4) Vaporizing plate
  - (5) Wick
- b. 32-gallon galvanized can
- c. Water in various size storage containers
- d. Gasoline can, 5 gallon
- e. Fuel spout
- f. Metal funnel
- g. Gasoline
- h. Matches
- i. Screws
- j. Rags
- k. Fire extinguisher 1 ea.
- l. Screwdrivers

2. Team's responsibility:

- a. Leather work gloves
- b. Safety-toed boots

H. Event scoring: Event scoring is based on quality/safety penalties and completion time.

I. Quality / safety penalties:

- 1. Not wearing personal protective equipment
- 2. Fuel tank not completely filled
- 3. Fuel tank overfill not wiped after fuel filler plug is in place
- 4. Not installing four smoke stacks on the unit
- 5. Each procedure not followed IAW T.M. 9-4540-202-12&P and event narrative.
- 6. Exposing face to burner compartment while lighting, lit, or adjusting fuel flow
- 7. Damaged equipment and parts (misuse)
- 8. Fuel flow is not adjusted below smoke point
- 9. Team member not manning a fire extinguisher during entire fueling and lighting procedures
- 10. Immersion heater not 50' from fueling area when lighting unit

J. Event judge: SSgt Kreps

SSgt Sean L. Kreps is a seven-year Air Force veteran in the Services Career Field and has been assigned to Detachment 1, 823<sup>rd</sup> RED HORSE Squadron as a Prime RIBS Instructor for two years. Prior to this assignment, he was the Base Sports Director and Community Center Manager, Sheppard AFB, TX and was deployed to Aviano Italy in support of NATO for Operation Joint Guard.

CATEGORY: PRIME RIBS

LOCATION: A5

EVENT: Pallet Build-Up and Forklift Course

A. Number of team members: 4

B. Required AFS: 2 – 3MOX1 and 2 – Any

C. Familiarization Time Allowed: 15 Minutes

Any time exceeding the allowed familiarization/inspection period will be added to team's competition time.

D. Competition time Allowed: 45 Minutes

E. Narrative: This event is an evaluation of procedures to include quality, safety and timeliness. The team is allowed a 15-minute familiarization period prior to the event start time to inspect the equipment only. The team leader will certify the equipment is serviceable. At the judge's signal, the team is required to build either a high, medium, or low profile pallet using various pre-positioned assets and a 463L cargo pallet. During the build up of the pallet, all team members must wear field gear, safety-toed boots and leather work gloves. Each team member must follow proper lifting techniques. After all items are palletized, the entire 463L pallet will be covered with a plastic pallet bag with no equipment or plastic protruding below the top surface of the pallet. Cargo netting must then be properly placed over the plastic and secured to the pallet rings making sure all adjusting straps are to the outside and no net webbing is twisted. All nets must be sufficiently tight to ensure load is properly secured. Pallet identifiers reflecting an accurate load makeup of the pallet must be completed and attached to the netting. Information to be used in the completion of the identifiers will be provided at the beginning of the event. Once completely palletized, the pallet will be transported (through the designated obstacle course) to the 25' tractor trailer using the 2.5 – 4 cubic yard wheel mounted tractor (loader) with attachments and properly secured on the trailer using the initial dunnage. At this time the tractor trailer will proceed in reverse (vehicle backing through the obstacle course) to the DROP ZONE. The tractor trailer must be inside of the DROP ZONE before unloading the trailer. After the pallet is unloaded from the trailer, the pallet will be placed inside of the MARSHALLING AREA using the initial dunnage, park the loader outside of the MARSHALLING AREA. When the operators exit the vehicles, the transmission must be in neutral, parking brake set and the loader attachments grounded. The equipment operators must be licensed on 2.5 – 4 cubic yard wheel mounted tractor with attachments, 5-ton tractor, and 18 – 40' trailer. Time will stop after all the participants have returned to the Start/Stop box and the team leader notifies the judge to "stop time."

F. Reference: T.O. 35D33-2-2-2. AMCI 24-101 Volume 11, AFOSH Standard 91-46 chapter 1, AFOSH 91-31 chapter 3, and event narrative.

G. Material and Equipment:

1. Provided by Det. 1, 823 RHS:

- a. 463L cargo pallet
- b. Cargo nets
- c. CGU-1 cargo straps
- d. Plastic pallet cover
- e. AF Form 2279 (Pallet Identifier)
- f. Tape measure
- g. Grease pencils
- h. Zip lock bags
- i. Duct tape
- j. Various sized equipment
- k. 2.5 – 4 cubic yard wheel mounted tractor with attachments
- l. Tractor, 5 ton
- m. Trailer, 18 – 40'

2. Team's responsibility:

- a. Safety-toed boots
- b. Leather work gloves
- c. Paper and pens (optional)
- d. Field gear
- e. Licensed equipment operators (2.5 – 4 cubic yard wheel mounted tractor with attachments, 5-ton tractor, and 18 – 40' trailer)

H. Event scoring: Event scoring is based on any quality/safety penalties and completion time.

I. Quality / safety penalties:

- 1. Safety violations
- 2. Not using provided equipment
- 3. Not using cargo netting
- 4. Not using plastic pallet cover
- 5. Net hook insecure, improperly attached
- 6. Net corners not crossed
- 7. Nets installed inside out
- 8. Loose netting
- 9. Net webbing or net ends twisted
- 10. Equipment protruding below pallet
- 11. Plastic pallet cover hanging below pallet
- 12. Not using the proper amount of cargo straps
- 13. Not securing cargo straps to the top ring of nets
- 14. Cargo straps improperly attached
- 15. Pallet identifiers not in plastic bags

16. Less than two identifiers, or not positioned properly
17. Pallet identifiers incorrectly filled out
18. Pallet secured to vehicle incorrectly
19. Each cone moved out of position
20. Incorrect obstacle course navigation
21. Vehicle leaving paved surface
22. Pallet not within designated area
23. Pallet not placed on dunnage
24. Vehicle not within designated area
25. Vehicle not placed in neutral
26. Vehicle parking brake not set
27. Loader attachments not grounded
28. Team members not present in start/stop when team leader stops time

J. Event judge: SSgt Presley

SSgt James H-B Presley is a 12-year Air Force veteran in the Services Career Field. He is currently assigned to Detachment 1, 823 RED HORSE Squadron as a Prime RIBS Contingency Instructor, since May 99. Prior to his arrival, he was assigned to Peterson AFB, CO, Sembach AB, GE, and Whiteman AFB, MO.

CATEGORY: CHAPLAIN SERVICES

LOCATION: Building 9484, Room 111

EVENT: Global Ministry

A. Number of Chaplain Service Personnel: 2

B. Required AFS: 1 – 52RX and 1 – 5R0X1

C. Familiarization Time Allowed: None

Any time exceeding the allowed familiarization/inspection period will be added to team's competition time.

D. Competition Time Limit: 90 Minutes

E. Narrative: This event tests Chaplain Services Personnel's knowledge in critical areas of global ministry in a deployed setting, support of that ministry, and in the Ability To Survive and Operate (ATSO) in a high threat environment. Competitors will be tested by written questions in these areas of professional knowledge.

F. References: USAF Chaplain Services Deployment Guide, 1995 edition; AFM 52-103, chapters 1, 2, & 6 plus attachments 1, 9, 10, & 11; Chief of the Chaplain Services Position Paper On Roles and Responsibilities of Chaplain Services Support, 15 October 1998; AFH 32-4014 Vol. 4, chps 2-6, 1 Mar 98, Ability To Survive and Operate; and event narrative.

G. Materials and equipment:

1. Provided by Det. 1, 823 RHS: Test materials

2. Team's responsibility: None

H. Event scoring: Scoring is based upon the number of correctly answered questions and by completion time.

I. Event judge: Ch, Lt Col Semrad

Chaplain, Lt Col Robert J. Semrad has been an Air Force Reserve Chaplain for 13 years. He is the IMA to the AETC Command Chaplain. His former reserve assignments include IMA to the Wing Chaplain at Offutt AFB, NE and Senior IMA for ACC Central Area. He was an active duty pilot for eight years flying C-123s out of Tan Son Nhut AB, Viet Nam and C-141s out of McGuire AFB, NJ and Norton AFB, CA.

CATEGORY: FOG-OF-WAR

LOCATION: Building 9484, Room 115

EVENT: Fog-of-War (**Closed Event**)

A. Number of Team Members: 29

B. Required AFS: Team composition will consist of those individuals detailed at Section II, page 3, paragraph 1a – d.

C. Familiarization Time Allowed: None

Any time exceeding the allowed familiarization/inspection period will be added to team's competition time.

D. Competitive Time Limit: 4 Hours

E. Narrative: TBA

F. Event head judge: MSgt Michalik

MSgt John A. Michalik is the Superintendent of Engineering Contingency Training. He is an 18-year Air Force veteran and has been assigned to Detachment 1, 823 RED HORSE Squadron for eight months. MSgt Michalik's previous assignments include Rhein Main AB, GE; Vance AFB, OK; Bitburg AB, GE; Mahe Island, Republic of the Seychelles, Dyess AFB, TX and Altus AFB, OK. He has been deployed in support of Operations PROVIDE PROMISE and DENY FLIGHT. This is his first Readiness Challenge.

G. Event assistant judges:

Chaplain, Lt Col Robert Semrad is the IMA to the AETC Command Chaplain. He has been an Air Force Reserve Chaplain for 13 years; this is his first Readiness Challenge.

MSgt Alvie E. Scott, Jr. has been in the USAF for 20 years. MSgt Scott has been assigned to the Detachment 1, 823 RED HORSE Squadron for two years as Superintendent of Readiness and Operations Contingency Training. He participated in two previous Readiness Challenges as a competitor.

MSgt Wade A. Simmons is the Superintendent of Mechanical Contingency Training. He has been assigned to Detachment 1, 823<sup>rd</sup> RED HORSE Squadron for three and a half years; this is his second Readiness Challenge.

MSgt Alfred K. Casale is the Readiness Superintendent at the 820<sup>th</sup> Force Protection Group, Lackland AFB, TX. He has been assigned there for three years; this is his first Readiness Challenge.



MSgt Cathy A. Uetrecht is the Senior Enlisted IMA to the Command 5R0X1 Manager, HQ AFSPC. She has served as a Chaplain Service Support Personnel in the United States Air Force Reserves for 19 years; this is her first Readiness Challenge.

TSgt Thomas Guarino is the Unit Environment Coordinator assigned at 823 RED HORSE Squadron, Hurlburt Field, FL. This is his first Readiness Challenge.

TSgt Michael F. Smith is an Engineering Contingency Instructor. He has been assigned to Detachment 1, 823<sup>rd</sup> RED HORSE Squadron for three and a half years; this is his second READINESS CHALLENGE.

TSgt Robert L. Taylor, Jr. is the Superintendent of Utilities Contingency Training Section, Detachment 1, 823 RED HORSE Squadron. He has been assigned at Tyndall AFB, FL for six years; this is his third Readiness Challenge.

SSgt Jeffrey D. Findley is an Explosive Ordnance Disposal Contingency Instructor at Detachment 1, 823 RED HORSE Squadron for three and a half years; this is his second Readiness Challenge.

SSgt Joseph A. Forro is a nine year Fire Protection Specialist. He has been a member of Detachment 1, 823<sup>rd</sup> RED HORSE Squadron since February 00. His former assignments include Lajes Field, Azores and McGuire AFB, NJ. This is his first Readiness Challenge.

SSgt Mike Flynn is an Equipment Operations Contingency Instructor assigned to Detachment 1, 823 RED HORSE Squadron. He has been assigned at Tyndall AFB, FL for seven years; this is his fourth Readiness Challenge.

SSgt Jason A. Hall is a Services Contingency Instructor. He has been assigned to Detachment 1, 823<sup>rd</sup> RED HORSE Squadron for four years. SSgt Hall was assistant judge for several Readiness Challenge VI events.

SSgt Mike Marquis is a Structural Contingency Instructor. He has been assigned to Detachment 1, 823<sup>rd</sup> RED HORSE Squadron for two years; this is his first Readiness Challenge.

SSgt. Mark D. Morgan is an Electrical Contingency Instructor. He has been assigned to Detachment 1, 823 RED HORSE Squadron for one year; this is his first Readiness Challenge.

SSgt John C. Smith is a Utilities Contingency Instructor. He has been assigned to Detachment 1, 823<sup>rd</sup> RED HORSE Squadron for one and a half years; this is his first Readiness Challenge.

SSgt (Sel) Paul M. Markwalter is an Electrical Power Production Contingency Instructor at Detachment 1, 823<sup>rd</sup> RED HORSE Squadron for two years. His former assignment was Holloman AFB, NM. This is his first Readiness Challenge.

## SECTION XI

### EVENT 'BEST TIMES' FROM PAST READINESS CHALLENGES

<b><u>MAJCOM</u></b>	<b><u>RC EVENT</u></b>	<b><u>BEST TIMES</u></b>
AFSOC	LIVE FIRE OPERATIONS	6:02
AFSPC	SOFTBALL FIELD PREPARATION	18:24
USAFA	CAMOUFLAGE, CONCEALMENT, AND DECEPTION	10:06
AMC	MARK V ROBOT OPERATIONS	15:42
AFSOC	OBSTACLE COURSE	27:52
AFSPC	TEMPER TENT WITH AFLK-5000 AND 70,000 BTU HEATER	15:55
AFMC	ECU A/E32C-39 PLACEMENT, SETUP AND OPERATION	47:28
USAFA	HARDBACK CONSTRUCTION WITH LIGHTING	50:56
AFSPC	GENERAL PURPOSE MEDIUM TENT INSTALLATION OVER HARDBACK	1:55
AFSOC	PALLET BUILD-UP WITH FORKILIFT OBSTACLE COURSE	16:06
AMC	M-2A BURNER UNIT WITH SAFETY DEVICE OPERATIONS	21:08
USAFE	VENTILATION AND FIRE RESCUE OPERATIONS	18:33

**NOTE:** Many events were modified for past RC competitions, and have been modified again for RC-VII; therefore, these “Best Times” will not necessarily apply to the upcoming RC-VII competition.